

ENGDOC#

GENERAL CABLE PLANT NOTES

SLAC

POWER CONVERSION DEPARTMENT

ID-236-801-36-RX2

Release Dated: 25-JAN-87

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SLAC NATIONAL ACCELERATOR LABORATORY
Operated by Stanford University for the U.S. Dept of Energy
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Introduction

This document explains, and is to be used in conjunction with, a CABLE INSTALLATION SCHEDULE.

The CABLE INSTALLATION SCHEDULE is supplied as another document in the total package of which this document is a part.

Note that this is a general document, and may contain much more information than may be required for the CABLE INSTALLATION SCHEDULE supplied. This is particularly true of the color code, cable types and cable termination tables which follow.

This document is divided into the following sections:

1. Introduction
2. General Notes
3. Description of the CABLE INSTALLATION SCHEDULE
4. Table 1 - Color Code Tables (and connection points) for Multi-Conductor Cables
5. Table 2 - Cable Types and Cable Descriptions
6. Table 3 - Cable Termination Descriptions
7. Table 4 - Trim Codes for Coaxial Cable Terminations
8. Table 5 - Document Revision Notes (for this document)

General Notes

1. Some definitions and descriptions may not be fully defined at the time that this listing was printed. Any such known areas will be noted by a sequence of 2 or more X's (i.e. 'termination type LFB-XX' or 'tooling XX-XXX'). Any such missing information will be completed as later listings are printed. Additional (and missing) information will also be included in later revisions, as that information is given to the keeper of this document.

Note: where information is missing, PLEASE ASK QUESTIONS. Where such information is added, it will be so specifically listed in the revision notes section (last pages) of all subsequent listings.

2. Block diagrams and other informational drawings have been supplied as a part of the total package. Those drawings are also to be used as references to aid in the understanding of the CABLE INSTALLATION SCHEDULE, and this document.

3. A large number of short and medium length cables will be furnished already cut and terminated, ready for final connection by the subcontractor.

4. All long-haul cables are to be cut and generally terminated by the subcontractor. For details refer to the specific cable-end assembly instructions, and the other drawings and documents supplied with the total package.

5. The cable installation schedules list the exact location (+/- 2 feet, sufficient to resolve any ambiguities) of the components to which each end of any given cable is to be connected. Station marks will be stenciled on the wall at 50 feet intervals in collider housings, and may be indicated by drawings for off-line components. Additional information on these station locations is given in the section entitled 'Cable Installation Schedule Format Description' below.

The subcontractor shall refer to these station marks as may be required in order to locate all components.

6. GENERAL TERMINATION NOTE: FOR MULTIPLE POINT TERMINAL BLOCKS;

Terminal blocks are normally 50 point blocks. Each termination point has four flags -- A, B, C and D. Unless otherwise specifically noted, connect the indicated wire to flag 'C'.

The Cable Installation Schedule indicates the terminal block point numbers to be connected. The point numbers are called out at the right end of the 'ORIGIN' or 'DESTINATION' information field. For instance, -01/50, -26B50, -08C, etc., means to connect to points 1 through 50, the 'B' flag of points 26 through 50, and the 'C' flag of point 8, respectively. The points are wired in increasing numerical sequence, always starting with the first wire of the cable, per the indicated color code, to the lowest indicated number point. For the example given for 26B50, the first wire goes to point 26B, the second wire to point 27B, etc. If commas separate the numbers (for instance, -41,45B,43), rather than a slash, that means the first wire goes to point 41C, the second to point 45B and the third to point 43C.

The last two conductors of 52 conductor cables are generally not terminated. Also, some other cables are only partially wired. In all cases fold back and tape any unused conductors.

7. Termination Tooling.

It is IMPERATIVE that the correct tooling be used for:

- a. trimming coaxial and other special cable for termination, and
- b. for crimping, or other assembly, of any termination to any wire or coax.

Much of the required tooling is specified further on in this specification. Should any required tooling not be specified, or if it is desired to use any tooling other than that explicitly specified, such tooling REQUIRES THE PRIOR APPROVAL OF THE DESIGNATED SLAC INSPECTOR.

Any use of unspecified or non-approved tooling MAY REQUIRE THE REWORK OR REPLACEMENT OF THOSE CABLES AND/OR TERMINATIONS.

8. Cables not rated as tray cables or as Halogen Free Low Smoke must have the approval of the Electrical Safety Officer (ESO) or the Electrical Safety Committee (ESC) prior to requests for installation. Requests for installation should specify any additional steps required; I.E additional support or fire blocking.

Cable Installation Schedule Format Description

The following is a description of the CABLE INSTALLATION SCHEDULE format:

FORMAL DEVICE NAME: This is the SLAC/SLC formal name for the system of which the indicated cable is a component. It is listed herein in order to allow quick reference to the actual control, readout, or other system as questions may occur. Example: QUAD:PI00,5920.

CABLE FUNCTION: This column gives a brief description of the function of the cable.

CABLE TYPE: This column gives the standard designation or an abbreviated form of it. Refer to TABLE 2 for the full and detailed description of any given cable.

CABLE NUMBER This column lists the cable identification number, a number that is unique to a single cable installed at SLAC. This number must be affixed to each end of each cable. Pre-assembled cables will normally be provided with the correct cable numbers attached. Other labels will be provided to the subcontractor for attachment at the time of cable installation.

ORIGIN / LOCATION: This column refers to the location of the cable's origin. The distinction between 'ORIGIN' and 'DESTINATION' is of particular importance when installing pre-assembled cables, in that any excess cable, over that needed for a service loop at the 'ORIGIN' end, is to be stored/distributed at the 'DESTINATION' end of the installed cable. Most cables originate at one of the instrument racks in a support building or collider housing alcove. For instance;

B136-1714-J10/J13 is to be interpreted as follows:

B136 indicates Building 136 17 indicates rack 17, chassis elevation 14(location in the rack) J10/J13 indicates JACK NOS. 10 through 13 on the chassis.

Occasionally, after the chassis elevation and jack (terminal board, etc.), additional digits will appear. They will be explained in TABLE 3 under the cable termination description, or a separate wire list will be furnished.

Similarly AS15-04-0132-TB1-1B25 is to be interpreted as follows;

AS15 indicates Arc South, in the area of Achromat 15 (which spans about 170 feet) 04 indicates Alcove 4 (in the South Arc), 0132 indicates rack 01, elevation 32, (rack 01 is the first (leftmost facing the rack fronts) rack. TB1 indicates TERMINAL BLOCK NO. 1 1B25 indicates POINTS 1 through 25. The 'B' indicates that this is a FASTON terminal block, and means wire to the 'B' flags only, and in the same sequence as the color code for that wire type. See the tables in Section 3 for the color codes.

Note that the first characters of this field (to the first '-') will take a form similar to one of the following:

1. B(nnn), indicating a Building number
2. KAnn, indicating an Alcove in the Klystron Gallery area, where (nn) is the sector number
3. KFnn, indicating a Fiat in the Klystron Gallery area, where (nn) is the sector number
4. KGnn, indicating a Klystron Gallery area, where (nn) is the sector number
5. KMnn, indicating a Mechanical Alcove in the Klystron Gallery area, where (nn) is the sector number
6. LInn, indicating a Linac housing area, again where (nn) is the sector number
7. DKG, indicating a Damping ring device in sector 01 of the Klystron Gallery
8. N or S, followed by DRV, DR, RTL or LTR. This indicates a North or South Damping ring area, as follows:

DRV indicates that the location is on the wall or floor of the Damping Ring Vault, but NOT on a ring girder.

DR indicates a location actually on a Damping Ring girder

LTR is in the Linac-To-Ring (east) housing, and

RTL is in the Ring-To-Linac (west) housing.

Where LTR or RTL is followed by an S(n), the 'S' means that the location is on the wall or floor within that Section of the indicated housing.

Where LTR or RTL is followed by an (nn), the location is actually on a girder in the indicated housing, and the (nn) is the girder number.

1. BSY indicates a location in the BEAM-SWITCHYARD (BSY) area.
2. AN(nn) or AS(nn), indicating a location in the main Collider Arcs (North or South), the (nn) is the number of the Magnet Achromat (about 170 foot in length) spanning and/or including the exact location.
If (nn) is '00', the location is prior to the first Achromat, in the launch portion of the indicated Arc, but actually inside the BSY housing area.

If (nn) is '24' or '25', the locations are in the Final Focus area of the indicated tunnel. (The last 32 feet of '25' on each side are actually in the Collider Pit.)

- Additional information on the details for this field may be found in 'Data Entry Definitions for the SLC Cable Plant Program' (SLAC ELDDOC #83).

STATION: The exact location of a Beam Line related item is identified on the CABLE INSTALLATION SCHEDULE as a station number shown in feet, plus or minus 2 feet.

DESTINATION / LOCATION: This column is similar to 'ORIGIN' above, although many cables may find their destinations at a connection box or machine component on the actual Beam Line. Connection boxes and machine components are generally identified by the geographic area together with an abbreviated generic name. These components generally will be labeled, when they are in place at the time of the cable installation. Identification labels will probably not be found for devices not installed, and the LOCATION stations will be required to locate the given (future) connection point.

INSTALLATION NOTES: (Two entries, one each for ORIGIN and DESTINATION.)

1. The first field (left character in the field) is a code which indicates when, and by whom, the indicated end of a cable is terminated and connected. Each end of a cable is given an assembly code, and each end may require entirely different treatment.

This code is specifically decoded for the subcontractor on the second line of this field (see 'c.' below). The codes used are as follows:

- '0': No action to be taken by the subcontractor. This cable either exists, or is to be installed at a later time. It is listed for completeness of the CABLE INSTALLATION SCHEDULE, and especially to show the full sequence of a set of cables.
- '1': A cable with a pre-terminated end (an assembly) is delivered to the subcontractor. The subcontractor is to install the cable. The device connection is to be done later by others.
- '2': This cable has been previously installed, the subcontractor is only to terminate as indicated. Connection will be done later, by others.
- '3': The subcontractor is to install and terminate only. Connection is to be done later, by others.
- '4': The subcontractor is to make the indicated connections, the cable has been previously installed and terminated.
- '5': A cable with a pre-terminated end (an assembly) is delivered to the subcontractor. The subcontractor is to connect this end to the indicated device following cable installation.
- '6': The subcontractor is to terminate and connect only. The cable has been previously installed.
- '7': The subcontractor is to install, terminate and connect this end.
- '8': This end of the cable is terminated and partially installed. The subcontractor shall finish the cable installation and connect this end to the indicated device.
- '9': The cable is partially installed. The subcontractor shall finish the cable installation, terminate, and connect this end to the indicated device.

- '10': The cable is partially installed. The subcontractor shall finish the cable installation to the indicated device. Others will do the termination and connection later.
- '11': The cable is partially installed. The subcontractor shall finish the cable installation, and termination. Others will do the connection later.
- 'M': Commercially prefabricated (not built by SLAC or to a SLAC specification) I.E. a 6' AC power cord with molded ends.
- 'P': Commercially prefabricated (not built by SLAC or to a SLAC specification) I.E. a ribbon cable with non-molded connectors.
- 'S': Special termination and connection, to be done later, by others. The subcontractor is to only install the cable.
- 'SS': Termination and connection to be done later by others. The subcontractor to only install the cable. Any excess length at this end of the cable shall be neatly coiled as indicated in the subcontract's drawings and specifications.

TERMINATION:

a. This field is the code for the connector or termination hardware to be used. This information is always given, even if not directly needed by the subcontractor. See TABLE 3 for cable termination details and refer to TABLE 2 for a cable description and to TABLE 1 in Section 3, as necessary, for the color code for that cable.

b. The second line of this field contains the code letters instructing the subcontractor on exactly what is to be done. If the second line is blank (see code '0' above), no action is to be taken by the subcontractor. Otherwise, any single code, or multiple combination of the codes, may occur.

LENGTH: This column gives the estimated cable length in feet. The exact length may be verified in the field. For some special cables, the indicated length is the delay time of the cable, in nanoseconds. Timing is indicated as a decimal number, ie. Length = '176' is 176 feet, Length = '176.0' is a delay time of 176.0 nanoseconds.

ROUTING SEQUENCE: This column refers to the routing of the cable in the raceway system. Refer to the tray layout drawings and key plans for details.

REV #: This column indicates the change level for the indicated cable ONLY. Blank indicates no change since original entry, '1' indicates one change, etc.

TABLE 1 - COLOR CODE TABLES

(and connection points) for Multi-Conductor Cables.

The following tables are necessary or useful to complete the cable and connector descriptions given in this document.

TABLE 1 - ABBREVIATIONS USED FOR COLORS.

<u>COLOR</u>	<u>2-PLACE</u>	<u>3-PLACE</u>
CLEAR	CL	CLR
BLACK	BK	BLK
BROWN	BN	BRN
RED	RD	RED
ORANGE	OR	ORN
YELLOW	YE	YEL
GREEN	GN	GRN
BLUE	BU	BLU
VIOLET	VI	VIO
GREY	GY	GRY
WHITE	WT	WHT
PINK	PK	PNK
TAN	TN	TAN

3-place color designations are normally used, 2-place are listed for clarity in case they are used in any additional information.

The following is common information, which is used in the wire tables which follow:

- a. * -- a pin designation letter preceded by a '*' (i.e. '*C') indicates that this letter is lower case letter (pin) on the connector.
- b. ** -- where more than one color is given for a wire (i.e. 'WHT/RED/BLK') the first color is the base color of the insulation, The additional colors are the tracer (striping) colors.

TABLE 1 - COLOR CODE 1A (NEMA PUB. NO. WC 30, TABLE 5-2)

The following standard color sequence can be applied to unpaired and paired cables. An A and B designation for the two wires in a pair is sometimes useful. A "CABLE TERM. LETTER" is given for convenience for use with multi-pin connectors that are wired to follow this standard color code sequence.

Used With CABLE TYPES

4C8/3V	8C16/3V
12C12/3V	12C16/3V
12C22/3V	19C16/3V
26C16/3V	26C22/3V
52C16/3V	4C16T6V
8C16T6V	12C16T6V
26PR22OS	12C18/3V
2C12OS	

UNPAIRED CABLE COND NO.	**WIRE COLOR CODE	PAIRED CABLE PAIR NO.	CABLE TERM. LETTER	UNPAIRED CABLE COND. NO.	** WIRE COLOR CODE	PAIRED CABLE PAIR NO.	CABLE TERM. LETTER
1	BLK	1A	A	27	BLU/BLK/WHT	14A	*D
2	WHT	1B	B	28	BLK/RED/GRN	14B	*E
3	RED	2A	C	29	WHT/RED/GRN	15A	*F
4	GRN	2B	D	30	RED/BLK/GRN	15B	*G
5	ORN	3A	E	31	GRN/BLK/ORN	16A	*H
6	BLU	3B	F	32	ORN/BLK/GRN	16B	*I
7	WHT/BLK	4A	G	33	BLU/WHT/ORN	17A	*J
8	RED/BLK	4B	H	34	BLK/WHT/ORN	17B	*K
9	GRN/BLK	5A	J	35	WHT/RED/ORN	18A	*M
10	ORN/BLK	5B	K	36	ORN/WHT/BLU	18B	*N
11	BLU/BLK	6A	L	37	WHT/RED/BLU	19A	*P

12	BLK/WHT	6B	M	38	BLK/WHT/GRN	19B	*Q
13	RED/WHT	7A	N	39	WHT/BLK/GRN	20A	*R
14	GRN/WHT	7B	P	40	RED/WHT/GRN	20B	*S
15	BLU/WHT	8A	R	41	GRN/WHT/BLU	21A	*T
16	BLK/RED	8B	S	42	ORN/RED/GRN	21B	
17	WHT/RED	9A	T	43	BLU/RED/GRN	22A	
18	ORN/RED	9B	U	44	BLK/WHT/BLU	22B	
19	BLU/RED	10A	V	45	WHT/BLK/BLU	23A	
20	RED/GRN	10B	W	46	RED/WHT/BLU	23B	
21	ORN/GRN	11A	X	47	GRN/ORN/RED	24A	
22	BLK/WHT/RED	11B	Y	48	ORN/RED/BLU	24B	
23	WHT/BLK/RED	12A	Z	49	ORN/RED/BLU	25A	
24	RED/BLK/WHT	12B	*A	50	BLK/ORN/RED	25B	
25	GRN/BLK/WHT	13A	*B	51	WHT/BLK/ORN	26A	
26	ORN/BLK/WHT	13B	*C	52	RED/ORN/BLK	26B	

TABLE 1 - COLOR CODE 1B (NEMA PUB. NO. WC 30, TABLE K-2)

The following standard color sequence should be used, instead of 1A, for cables that use yellow and brown rather than white and green. An A and B designation is given for use with paired cables. A "CABLE TERM. LETTER" is given for convenience for use with multi-pin connectors that are wired following this standard color code sequence. When there are more than 36 conductors (18) pairs, some of the colors will be repeated and repeated. In the latter cases, the lay or position of a wire in the inner or outer layers must be considered to uniquely identify a conductor.

Used With CABLETYPE

8PR16TS	12PR16TS
16PR16TS	24PR16TS
36PR16TS	50PR16TS
12C12/3V	1PR16OS

UNPAIRED CABLE COND NO.	**WIRE COLOR CODE	PAIRED CABLE PAIR NO.	CABLE TERM. LETTER	UNPAIRED CABLE COND. NO.	** WIRE COLOR CODE	PAIRED CABLE PAIR NO.	CABLE TERM. LETTER
1	BLK	1A	A	19	ORN/BLU	10A	V
2	RED	1B	B	20	YEL/BLU	10B	W
3	BLU	2A	C	21	BRN/BLU	11A	X
4	ORN	2B	D	22	BLK/ORN	11BA	Y
5	YEL	3A	E	23	RED/ORN	12A	Z
6	BRN	3B	F	24	BLU/ORN	12B	*A
7	RED/BLK	4A	G	25	YEL/ORN	13A	*B
8	BLU/BLK	4B	H	26	BRN/ORN	13B	*C
9	ORN/BLK	5A	J	27	BLK/YEL	14A	*D
10	YEL/BLK	5B	K	28	RED/YEL	14B	*E
11	BRN/BLK	6A	L	29	BLU/YEL	15A	*F
12	BLK/RED	6B	M	30	ORN/YEL	15B	*G

13	BLU/RED	7A	N	31	BRN/YEL	16A	*H
14	ORN/RED	7B	P	32	BLK/BRN	16B	*I
15	YEL/RED	8A	R	33	RED/BRN	17A	*J
16	BRN/RED	8B	S	34	BLU/BRN	17B	*K
17	BLK/BLU	9A	T	35	ORN/BRN	18A	*M
18	RED/BLU	9B	U	36	YEL/BRN	18B	*N

* This letter is lower case on the connector

** The first color is the base color of the insulation.

TABLE 1 - COLOR CODE 1C

The following color sequences can be applied to microphone cable and AC power cords:

Used With CABLE TYPE

2C16OS
2C22MS
3C12TYR
3C16TYR

CABLE COND NO.	COLOR CODE	TERM. LETTER	--OR--	CABLE COND. NO.	COLOR CODE	CABLE TERM. LETTER
1	BLK	A		1	BLK	A
2	WHT	B		2	WHT	B
3	DRAIN	C		3	GRN	C

TABLE 1 - COLOR CODE 1D (BELDEN)

The following standard color sequence can be applied to individually shielded pairs with drain wires. The "PAIR NO.", designation, 3A,3B and 3C, denotes that, associated with a pair there are two insulated signal wires 3A and 3B, and one un-insulated drain wire 3C, that makes electrical contact with the shield for that pair. A "COND. NO." is assigned only for convenience and it is useful only when each conductor, including the drain, is wired in sequence to a terminal block. Note that when RED is paired with BLK, the BLK is "PAIR NO." 1B, but when WHT is paired with BLK, the BLK is "PAIR NO." 2B, etc.

USED WITH CABLE TYPE

3PR20IS
3PR22IS
6PR22IS
12PR22IS
19PR22IS
27PR24IS
6PR24IS

<u>COND. NO</u>	<u>COLOR CODE</u>	<u>PAIR NO.</u>	<u>COND. NO</u>	<u>COLOR CODE</u>	<u>PAIR NO.</u>	<u>COND. NO.</u>	<u>COLOR CODE</u>	<u>PAIR NO.</u>
1	RED	1A	28	BLU	10A	55	BLU	19A
2	BLK	1B	29	RED	10B	56	WHT	19B
3	DRAIN	1C	30	DRAIN	10C	57	DRAIN	19C
4	WHT	2A	31	YEL	11A	58	YEL	20A
5	BLK	2B	32	RED	11B	59	WHT	20B
6	DRAIN	2C	33	DRAIN	11C	60	DRAIN	20C
7	GRN	3A	34	BRN	12A	61	BRN	21A
8	BLK	3B	35	RED	12B	62	WHT	21B
9	DRAIN	3C	36	DRAIN	12C	63	DRAIN	21C
10	BLU	4A	37	ORN	13A	64	ORN	22A
11	BLK	4B	38	RED	13B	65	WHT	22B
12	DRAIN	4C	39	DRAIN	13C	66	DRAIN	22C

13	YEL	5A	40	WHT	14A	67	YEL	23A
14	BLK	5B	41	GRN	14B	68	BLU	23B
15	DRAIN	5C	42	DRAIN	14C	69	DRAIN	23C
16	BRN	6A	43	BLU	15A	70	BRN	24A
17	BLK	6B	44	GRN	15B	71	BLU	24B
18	DRAIN	6C	45	DRAIN	15C	72	DRAIN	24C
19	ORN	7A	46	YEL	16A	73	ORN	25A
20	BLK	7B	47	GRN	16B	74	BLU	25B
21	DRAIN	7C	48	DRAIN	16C	75	DRAIN	25C
22	WHT	8A	49	BRN	17A	76	YEL	26A
23	RED	8B	50	GRN	17B	77	BRN	26B
24	DRAIN	8C	51	DRAIN	17C	78	DRAIN	26C
25	GRN	9A	52	ORN	18A	79	ORN	27A
26	RED	9B	53	GRN	18B	80	BRN	27B
27	DRAIN	9C	54	DRAIN	18C	81	DRAIN	27C

TABLE 1 - COLOR CODE 1E

The following color sequence can be applied to twisted pairs with an overall shield:

Used With CABLE TYPE

3PR22OS

<u>COND.</u> <u>NO.</u>	<u>COLOR</u> <u>CODE</u>	<u>PAIR</u> <u>NO.</u>	<u>TERM.</u> <u>LETTER</u>	<u>COND.</u> <u>NO.</u>	<u>COLOR</u> <u>CODE</u>	<u>PAIR</u> <u>NO.</u>	<u>TERM.</u> <u>LETTER</u>
1	BLK	1A	A	5	BRN	3A	E
2	WHT	1B	B	6	WHT	3B	F
3	RED	2A	C	7	DRAIN	OS	G
4	WHT	2B	D				

TABLE 1 - COLOR CODE 1F

Used With CABLE TYPE

1PR16AS	4PR16AS
4PR18TC	8PR16AS
16PR16AS	24PR16AS
24PR16TC	27PR22OS
50PR16AS	50PR16TC

The Cable contains twisted pairs. Each pair consists of a white (or red) wire and a black wire. The white (or red) wire of the pair has a number imprinted on it and is the first or "A" wire of the pair. The black wire is the "B" wire of the pair. Thus, the white (or red) wires, in general unless otherwise noted, go in numerical sequence onto the odd number terminal block flags, and the black wires go onto the even number flags Also, the drain from the overall shield is not connected unless specifically so instructed.

TABLE 1 - COLOR CODE 1G

The following standard color sequence is to be used for the Magnet Mover cables. A CABLE TERM LETTER is given for use with the 9-pin connectors used on the Magnet-Mover cables (connector AMP9S).

Used With CABLE TYPE.

9C18J

<u>UNPAIRED CABLE. COND.#</u>	<u>WIRE COLOR CODE</u>	<u>CABLE TERM. LETTER</u>
1	BLK	A
2	RED	B
3	WHT	C
4	GRN	D
5	ORN	E
6	BLU	F
7	BRN	G
8	YEL	H
9	VIO	J

TABLE 1 - COLOR CODE 1H

Used With CABLE TYPE
5PR200S

<u>PAIRED</u> <u>CABLE.</u> <u>COND.#</u>	<u>***WIRE</u> <u>COLOR</u> <u>CODE</u>	<u>PAIRED</u> <u>WIRE</u> <u>COND.#</u>	<u>PAIRED</u> <u>CABLE.</u> <u>COND.#</u>	<u>***WIRE</u> <u>COLOR</u> <u>CODE</u>	<u>PAIRED</u> <u>WIRE</u> <u>COND.#</u>
1	WHT/BLK	1A, 1B	15	BLK/BLU	15A, 15B
2	WHT/BRN	2A, 2B	16	BLK/VIO	16A, 16B
3	WHT/RED	3A, 3B	17	BLK/GRY	17A, 17B
4	WHT/ORN	4A, 4B	18	BRN/RED	18A, 18B
5	WHT/YEL	5A, 5B	19	BRN/ORN	19A, 19B
6	WHT/GRN	6A, 6B	20	BRN/YEL	20A, 20B
7	WHT/BLU	7A, 7B	21	BRN/GRN	21A, 21B
8	WHT/VIO	8A, 8B	22	BRN/BLU	22A, 22B
9	WHT/GRY	9A, 9B	23	BRN/VIO	23A, 23B
10	BLK/BRN	10A, 10B	24	BRN/GRY	24A, 24B
11	BLK/RED	11A, 11B	25	RED/ORN	25A, 25B
12	BLK/ORN	12A, 12B	26	RED/YEL	26A, 26B
13	BLK/YEL	13A, 13B	27	RED/GRN	27A, 27B
14	BLK/GRN	14A, 14B			

*** The colors are for the pair of wires, i.e. pair 1 is WHT/BLK, meaning a white wire paired with a black wire.

TABLE 1 - COLOR CODE 1J

CABLE TYPE

3PR24IS
 18PR22OS
 24PR16OS
 4PR24IS

<u>PAIRED CABLE COND.#</u>	<u>***WIRE COLOR CODE</u>	<u>CONNECTION BLOCK POINT #</u>	<u>PAIRED CABLE COND.#</u>	<u>*** WIRE COLOR CODE</u>	<u>CONNECTION BLOCK POINT #</u>
1	BLK/RED	1,2	15	GRN/BLU	29,30
2	BLK/WHT	3,4	16	GRN/YEL	31,32
3	BLK/GRN	5,6	17	GRN/BRN	33,34
4	BLK/BLU	7,8	18	GRN ORN	35,36
5	BLK/YEL	9,10	19	WHT/BLU	37,38
6	BLK/BRN	11,12	20	WHT/YEL	39,40
7	BLK/ORN	13,14			
8	RED/WHT	15,16	21	WHT/BRN	41,42
9	RED/GRN	17,18	22	WHT/ORN	43,44
10	RED/BLU	19,20	23	BLU/YEL	45,46
			24	BLU/BRN	47,48
11	RED/YEL	21,22	25 *	BLU/ORN	49,NC
12	RED/BRN	23,24	26 *	YEL/BRN	NC,NC
13	RED/ORN	25,26	27 *	YEL/ORN	NC,NC
14	GRN/WHT	27,28		DRAIN	50
				WIRE	

* The 5 wires indicated as 'NC' are to be taped back against the cable jacket. they are not used at this time.

*** The colors are for the pair of wires, i.e. pair 1 is BLK/RED, meaning a black wire paired with a red wire. The BLK wire connects to terminal 1, and the RED to terminal 2.

TABLE 1 - COLOR CODE 1K

PAIRED CABLE. COND#.	***WIRE COLOR CODE	PAIRED WIRE COND.#	PAIRED CABLE COND.#	***WIRE COLOR CODE	PAIRED WIRE COND.#
1	WHT/BLU	1A,1B	15	BLK/GRY	15A,15B
2	WHT/ORN	2A,2B	16	YEL/BLU	16A,16B
3	WHT/GRN	3A,3B	17	YEL/ORN	17A,17B
4	WHT/BRN	4A,4B	18	YEL/GRN	18A,18B
5	WHT/GRY	5A,5B	19	YEL/BRN	19A,19B
6	RED/BLU	6A,6B	20	YEL/GRY	20A,20B
7	RED/ORN	7A,7B	21	VIO/BLU	21A,21B
8	RED/GRN	8A,8B	22	VIO/ORN	22A,22B
9	RED/BRN	9A,9B	23	VIO/GRN	23A,23B
10	RED/GRY	10A,10B	24	VIO/BRN	24A,24B
11	BLK/BLU	11A,11B	25	VIO/GRY	25A,25B
12	BLK/ORN	12A,12B			
13	BLK/GRN	13A,13B			
14	BLK/BRN	14A,14B			

*** The colors are for the pair of wires, i.e. pair 1 is WHT/BLU, meaning a white wire paired with a blue wire.

TABLE 1 - COLOR CODE 1L

The following color sequence applies. Colors are given in the sequence of Body, First (wide) tracer, Second (narrow) tracer, and Third (narrow) tracer.

USED WITH CABLE TYPE

50C16/3V

50C16TC

4C180S

3C16/3V

6C160S

CABLE COND. NO.	WIRE COLOR CODE	CABLE COND. NO.	WIRE COLOR CODE	CABLE COND. NO.	WIRE COLOR CODE
1	BLK	36	WHT/RED/GRN	71	WHT/BLK/GRN/ORN
2	RED	37	WHT/RED/BLU	72	WHT/BLK/GRN/GRY
3	WHT	38	WHT/RED/BRN	73	WHT/BLK/GRN/VIO
4	GRN	39	WHT/RED/VIO	74	WHT/BLK/YEL/BLU
5	ORN	40	WHT/GRN/BLK	75	WHT/BLK/YEL/BRN
6	BLU			76	WHT/BLK/YEL/ORN
7	BRN	41	WHT/GRN/RED	77	WHT/BLK/YEL/GRY
8	YEL	42	WHT/GRN/GRN	78	WHT/BLK/YEL/VIO
9	VIO	43	WHT/GRN/BLU	79	WHT/BLK/BLU/BRN
10	GRY	44	WHT/GRN/BRN	80	WHT/BLK/BLU/ORN
		45	WHT/GRN/VIO		
11	PNK	46	WHT/BLU/BLK	81	WHT/BLK/BLU/GRY
12	TAN	47	WHT/BLU/RED	82	WHT/BLK/BLU/VIO
13	RED/GRN	48	WHT/BLU/GRN	83	WHT/BLK/BRN/ORN
14	RED/YEL	49	WHT/BLU/BLU	84	WHT/BLK/BRN/GRY

15	RED/BLK	50	WHT/BLU/BRN	85	WHT/BLK/BRN/VIO
16	WHT/BLK			86	WHT/BLK/ORN/GRY
17	WHT/RED	51	WHT/BLU/VIO	87	WHT/BLK/ORN/VIO
18	WHT/GRN	52	WHT/BRN/BLK	88	WHT/BLK/GRY/VIO
19	WHT/YEL	53	WHT/BRN/RED	89	WHT/RED/BLK/GRN
20	WHT/BLU	54	WHT/BRN/GRN	90	WHT/RED/BLK/YEL
		55	WHT/BRN/BLU		
21	WHT/BRN	56	WHT/BRN/BRN	91	WHT/RED/BLK/BLU
22	WHT/ORN	57	WHT/BRN/VIO	92	WHT/RED/BLK/BRN
23	WHT/GRY	58	WHT/VIO/RED	93	WHT/RED/BLK/ORN
24	WHT/VIO	59	WHT/VIO/GRN	94	WHT/RED/BLK/GRY
25	WHT/BLK/RED	60	WHT/VIO/BLU	95	WHT/RED/BLK/VIO
26	WHT/BLK/GRN			96	WHT/RED/GRN/YEL
27	WHT/BLK/YEL	61	WHT/BLK/RED/GRN	97	WHT/RED/GRN/BLU
28	WHT/BLK/BLU	62	WHT/BLK/RED/YEL	98	WHT/RED/GRN/BRN
29	WHT/BLK/BRN	63	WHT/BLK/RED/BLU	99	WHT/RED/GRN/ORN
30	WHT/BLK/ORN	64	WHT/BLK/RED/BRN	100	WHT/RED/GRN/GRY
		65	WHT/BLK/RED/ORN		
31	WHT/BLK/GRY	66	WHT/BLK/RED/GRY		
32	WHT/BLK/VIO	67	WHT/BLK/RED/VIO		
33	WHT/BLK/BLK	68	WHT/BLK/GRN/YEL		
34	WHT/RED/BLK	69	WHT/BLK/GRN/BLU		
35	WHT/RED/RED	70	WHT/BLK/GRN/BRN		

TABLE 1 - COLOR CODE 1M

This cable is composed of solid colored wires, with a number for each wire printed on each wire. The NUMBERS are to be followed to determine the connection order. Listed below is a sample of one segment of this cable, AS AN EXAMPLE ONLY. There is no assurance that other segments will have the same colors associated with the same numbers.

USED WITH CABLE TYPE

19C12/6V

<u>CABLE COND. NO.</u>	<u>WIRE COLOR CODE</u>	<u>CABLE COND. NO.</u>	<u>WIRE COLOR CODE</u>
1	BLK	11	BRN
2	RED	12	BLK
3	BLU	13	BLU
4	ORN	14	ORN
5	YEL	15	YEL
6	BRN	16	BRN
7	RED	17	BLK
8	BLU	18	RED
9	ORN	19	ORN
10	YEL		

TABLE 1 - COLOR CODE 1N

The following color sequence applies. Colors are given in the sequence of Body, First (wide) tracer, Second (narrow) tracer, and Third (narrow) tracer.

USED WITH CABLE TYPE

50C16/3V

27C200S

CABLE COND. NO.	WIRE COLOR CODE	CABLE COND. NO.	WIRE COLOR CODE	CABLE COND. NO.	WIRE COLOR CODE
1	BLK	36	WHT/RED/YEL	71	WHT/BLK/ORN/VIO
2	BRN	37	WHT/RED/GRN	72	WHT/BLK/ORN/GRY
3	RED	38	WHT/RED/BLU	73	WHT/BLK/YEL/GRN
4	ORN	39	WHT/RED/VIO	74	WHT/BLK/YEL/BLU
5	YEL	40	WHT/RED/GRY	75	WHT/BLK/YEL/VIO
6	GRN			76	WHT/BLK/YEL/GRY
7	BLU	41	WHT/ORN/YEL	77	WHT/BLK/GRN/BLU
8	VIO	42	WHT/ORN/GRN	78	WHT/BLK/GRN/VIO
9	GRY	43	WHT/ORN/BLU	79	WHT/BLK/GRN/GRY
10	WHT	44	WHT/ORN/VIO	80	WHT/BLK/BLU/VIO
		45	WHT/ORN/GRY		
11	WHT/BLK	46	WHT/YEL/GRN	81	WHT/BLK/BLU/GRY
12	WHT/BRN	47	WHT/YEL/BLU	82	WHT/BLK/VIO/GRY
13	WHT/RED	48	WHT/YEL/VIO	83	WHT/BRN/RED/ORN
14	WHT/ORN	49	WHT/YEL/GRY	84	WHT/BRN/RED/YEL
15	WHT/YEL	50	WHT/GRN/BLU	85	WHT/BRN/RED/GRN

16	WHT/GRN			86	WHT/BRN/RED/BLU
17	WHT/BLU	51	WHT/GRN/VIO	87	WHT/BRN/RED/VIO
18	WHT/VIO	52	WHT/GRN/GRY	88	WHT/BRN/RED/GRY
19	WHT/GRY	53	WHT/BLU/VIO	89	WHT/BRN/ORN/YEL
20	WHT/BLK/BRN	54	WHT/BLU/GRY	90	WHT/BRN/ORN/GRN
		55	WHT/VIO/GRY		
21	WHT/BLK/RED	56	WHT/BLK/BRN/RED	91	WHT/BRN/ORN/BLU
22	WHT/BLK/ORN	57	WHT/BLK/BRN/ORN	92	WHT/BRN/ORN/VIO
23	WHT/BLK/YEL	58	WHT/BLK/BRN/YEL	93	WHT/BRN/ORN/GRY
24	WHT/BLK/GRN	59	WHT/BLK/BRN/GRN	94	WHT/BRN/YEL/GRN
25	WHT/BLK/BLU	60	WHT/BLK/BRN/BLU	95	WHT/BRN/YEL/BLU
26	WHT/BLK/VIO			96	WHT/BRN/YEL/VIO
27	WHT/BLK/GRY	61	WHT/BLK/BRN/VIO	97	WHT/BRN/YEL/GRY
28	WHT/BRN/RED	62	WHT/BLK/BRN/GRY	98	WHT/BRN/GRN/BLU
29	WHT/BRN/ORN	63	WHT/BLK/RED/YEL	99	WHT/BRN/GRN/VIO
30	WHT/BRN/YEL	64	WHT/BLK/RED/GRN	100	WHT/BRN/GRN/GRY
		65	WHT/BLK/RED/BLU		
31	WHT/BRN/GRN	66	WHT/BLK/RED/VIO		
32	WHT/BRN/BLU	67	WHT/BLK/RED/GRY		
33	WHT/BRN/VIO	68	WHT/BLK/ORN/YEL		
34	WHT/BRN/GRY	69	WHT/BLK/ORN/GRN		
35	WHT/RED/ORN	70	WHT/BLK/ORN/BLU		

TABLE 1 - COLOR CODE 1P

USED WITH CABLE TYPE

15PR220S
 2PR220S
 3PR24IS
 12PR220S
 9PR24IS

<u>PAIRED CABLE COND.#</u>	<u>***WIRE COLOR CODE</u>	<u>PAIRED CABLE . COND.#</u>	<u>***WIRE COLOR CODE</u>
1	BLK/RED	15	GRN/BLU
2	BLK/WHT	16	GRN/YEL
3	BLK/GRN	17	GRN/BRN
4	BLK/BLU	18	GRN ORN
5	BLK/YEL	19	WHT/BLU
6	BLK/BRN	20	WHT/YEL
7	BLK/ORN		
8	RED/WHT	21	WHT/BRN
9	RED/GRN	22	WHT/ORN
10	RED/BLU	23	BLU/YEL
		24	BLU/BRN
11	RED/YEL	25	BLU/ORN
12	RED/BRN	26	BRN/YEL
13	RED/ORN	27	BRN/ORN
14	GRN/WHT		

*** The colors are for the pair of wires, i.e. pair 1 is BLK/RED, meaning a black wire paired with a red wire. The BLK wire connects to terminal 1, and the RED to terminal 2.

TABLE 1 - COLOR CODE 1Q

Used With CABLE TYPE 3C20/3V 3C16FLX

4C16FLX 3C14FLX

CABLE COND. NO.	WIRE COLOR CODE	CABLE COND. NO.	WIRE COLOR CODE
-----------------------	--------------------	-----------------------	-----------------

1	BLK	20	ORN/BLU
---	-----	----	---------

2	RED	21	YEL/BLU
---	-----	----	---------

3	WHT	22	BRN/BLU
---	-----	----	---------

4	BLU	23	BLK/ORN
---	-----	----	---------

5	ORN	24	RED/ORN
---	-----	----	---------

6	YEL	25	BLU/ORN
---	-----	----	---------

7	BRN	26	YEL/ORN
---	-----	----	---------

8	RED/BLK	27	BRN/ORN
---	---------	----	---------

9	BLU/BLK	28	BLK/YEL
---	---------	----	---------

10	ORN/BLK	29	RED/YEL
----	---------	----	---------

11	YEL/BLK	30	BLU/YEL
----	---------	----	---------

12	BRN/BLK	31	ORN/YEL
----	---------	----	---------

13	BLK/RED	32	BRN/YEL
----	---------	----	---------

14	BLU/RED	33	BLK/BRN
----	---------	----	---------

15	ORN/RED	34	RED/BRN
----	---------	----	---------

16	YEL/RED	35	BLU/BRN
----	---------	----	---------

17	BRN/RED	36	ORN/BRN
----	---------	----	---------

18	BLK/BLU	37	YEL/BRN
----	---------	----	---------

19	RED/BLU		
----	---------	--	--

TABLE 1 - COLOR CODE 1R

USED WITH CABLE TYPE
5PR200S

<u>VAT7S</u>	<u>COLOR CODE</u>	<u>PAIR NO.</u>	<u>MS8S</u>	<u>VAT7S</u>	<u>COLOR CODE</u>	<u>PAIR NO.</u>	<u>MS8S</u>
1	WHT	1A	A	5	WHT	3A	E
2	BLK	1B	B	6	RED	3B	F
3	WHT	2A	C	7	WHT	4A	G
4	BRN	2B	D	-	NONE	--	H

***The 5th pair (white/yellow) and the orange wire from the 4th pair are not used - cut off.

TABLE 1 - COLOR CODE 1S

USED WITH CABLE TYPE
2PR22IS

<u>CABLE PAIR NO.</u>	<u>WIRE COLOR CODE</u>
1A	BLK
1B	RED
2A	BLK
2B	WHT
DRAIN	BARE

TABLE 1 - COLOR CODE 1T

USED WITH CABLE TYPE

16PR16IS

The cable contains twisted pairs. Each pair consists of a white (or red), a black and a drain wire. Each white and black conductor is printed with a pair number. The white wire is the first of "A" wire. The black wire is the "B" wire. The drain is the "C" wire. Wire in white, black, drain sequence, starting with the first terminal indicated. Repeat for each additional pair to be connected.

TABLE 1 - COLOR CODE 1U

USED WITH CABLE TYPE

2C22MS

<u>CABLE COND. NO.</u>	<u>WIRE COLOR CODE</u>
1	CLR
2	BLK
3	RED
4	GRN
5	BLU

TABLE 1 - COLOR CODE 1V

Used With CABLE TYPE
12C20J

<u>CABLE COND. NO.</u>	<u>WIRE COLOR CODE</u>	<u>CABLE COND. NO.</u>	<u>WIRE COLOR CODE</u>
1	BLK	11	PNK
2	WHT	12	TAN
3	RED		
4	GRN		
5	BRN		
6	BLU		
7	ORN		
8	YEL		
9	VIO		
10	GRY		

TABLE 1 - COLOR CODE 1W

USED WITH CABLE TYPE
7C220S

<u>CABLE COND. NO.</u>	<u>WIRE COLOR CODE</u>
1	BLK
2	RED
3	ORN
4	GRN
5	BLU
6	WHT
7	WHT/BLK

TABLE 1 - COLOR CODE 1X

USED WITH CABLE TYPE
51PR220S

<u>PAIRED CABLE COND. #</u>	<u>WIRE COLOR CODE</u>	<u>PAIRED CABLE COND. #</u>	<u>WIRE COLOR CODE</u>
1	BLK/RED	27	BRN/YEL
2	BLK/WHT	28	PUR/RED
3	BLK/GRN	29	PUR/WHT
4	BLK/BLU	30	PUR GRN
5	BLK/BRN	31	PUR/BLU
6	BLK/YEL	32	PUR/BRN
7	BLK/ORN	33	PUR/YEL
8	RED/GRN	34	PUR/ORN
9	RED/WHT	35	PUR/SLA
10	RED/BLU	36	PUR/BLK
11	RED/YEL	37	SLA/RED
12	RED/BRN	38	SLA/WHT
13	RED/ORN	39	SLA/GRN
14	GRN/BLU	40	SLA/BLU
15	GRN/WHT	41	SLA/BRN
16	GRN/BRN	42	SLA/YEL
17	GRN/ORN	43	SLA/ORN
18	GRN/YEL	44	SLA/BLK

19	WHT/BLU	45	WHT-BLK/RED
20	WHT/BRN	46	WHT-BLK/GRN
21	WHT/ORN	47	WHT-BLK/BLU
22	WHT/YEL	48	WHT-BLK/BRN
23	BLU/BRN	49	WHT-BLK/YEL
24	BLU/ORN	50	WHT-BLK/ORN
25	BLU/YEL	51	WHT-BLK/PUR
26	BRN/ORN		

*** The colors are for the pair of wires, i.e. pair 1 is BLK/RED, meaning a black wire paired with a red wire. The BLK wire connects to terminal 1, and the RED to terminal 2.

TABLE 1 COLOR CODE 1Y

USED WITH CABLE TYPE

FIOPMM12
FIOPMM24
FIOPMM48

<u>FIBER</u>	<u>COLOR</u>	<u>FIBER</u>	<u>COLOR</u>
1	BLUE	7	RED
2	ORANGE	8	BLACK
3	GREEN	9	YELLOW
4	BROWN	10	VIOLET
5	SLATE	11	DASHED BLUE
6	WHITE	12	DASHED ORANGE

SPECIAL NOTE: CABLE CORE CONSISTS OF UP TO 8 BUNDLES, EACH CONTAINING 12 FIBERS. BUNDLES ARE IDENTIFIED BY COLOR-CODED YARN BINDERS. BINDER COLOR CODE FOLLOWS SAME CODE AS FIBER COLOR CODE.

TABLE 1 - COLOR CODE 1Z

USED WITH CABLE TYPE
25PR240S

<u>PIN</u>	<u>WIRE COLOR CODE</u>	<u>PIN</u>
1	WHT/BRN	26
2	WHT/ORN	27
3	WHT/YEL	28
4	WHT/BLU	29
5	WHT/GRN	30
6	RED/BRN	31
7	RED/ORN	32
8	RED/GRN	33
9	RED/WHT	34
10	RED/BLU	35
11	RED/YEL	36
12	RED/BLK	37
13	BLU/ORN	38
14	BLU/BRN	39
15	BLU/YEL	40
16	BLU/GRN	41
17	BLU/BLK	42
18	BLK/ORN	43
19	BLK/GRN	44
20	BLK/BRN	45

21	BLK/WHT	46
22	BLK/YEL	47
23	GRN/YEL	48
24	GRN/BRN	49
25	GRN/ORN	50

*** The colors are for the pair of wires, i.e. pair 1 is WHT/BRN, meaning a WHT wire paired with a BRN wire. The WHT wire connects to terminal 1, and the BRN to terminal 26.

TABLE 2Z – COLOR CODING OF FIBER OPTIC CABLES (In accordance with EIA/TIA-598)

<u>Fiber Color</u>	<u>Abbreviation</u>	<u>Buffer Tube Value</u>	<u>Fiber Value</u>	<u>Captar Coding</u>
BLUE	BL	0	1	1
ORANGE	OR	12	2	2
GREEN	GR	24	3	3
BROWN	BR	36	4	4
SLATE	SL	48	5	5
WHITE	WH	60	6	6
RED	RD	72	7	7
BLACK	BK	84	8	8
YELLOW	YL	96	9	9
VIOLET	VL	108	10	A
ROSE	RO	120	11	B
AQUA	AQ	132	12	C

NOTE: To calculate the fiber numerical value, take the buffer tube value and add the fiber value. For example, WH fiber in the YL buffer is actually fiber number $96+6=102$.

NOTE: Captar coding for the fiber will be performed in two parts. One listing will be for the fiber cable sheath. For coding the fiber to be used, code the fiber with the cable number and then the Buffer Tube Value and Fiber Value respectively. For example, using fiber 102 will get the coding LC0XXXX96.

TABLE 1 - COLOR CODE 1a

USED WITH CABLE TYPE
37C28FLT

<u>PIN</u>	<u>WIRE COLOR CODE</u>	<u>PIN</u>	<u>WIRE COLOR CODE</u>
1	BRN	20	BLK
2	RED	21	BRN
3	ORN	22	RED
4	YEL	23	ORN
5	GR	24	YEL
6	BLU	25	GRN
7	VIO	26	BLU
8	GRY	27	VIO
9	WHT	28	GRY
10	BLK	29	WHT
11	BRN	30	BLK
12	RED	31	BRN
13	ORN	32	RED
14	YEL	33	ORN
15	GRN	34	YEL
16	BLU	35	GRN
17	VIO	36	BLU
18	GRY	37	VIO
19	WHT		

TABLE 1 - COLOR CODE 1b

USED WITH CABLE TYPE

4PR24IS

<u>PAIRED</u> <u>CABLE</u> <u>COND. #</u>	<u>WIRE</u> <u>COLOR</u> <u>CODE</u>
1	BRN-WHT/BRN
2	ORN-WHT/ORN
3	GRN-WHT/GRN
4	BLU-WHT/BLU

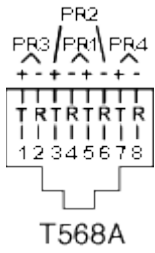
TABLE 1 - COLOR CODE 1c

CABLE WIRE

COND. COLOR

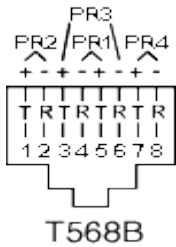
NO. CODE

1	RED
2	GRN



568A Wiring

Pair #	Wire	Pin #
1 - White/Blue	White/Blue	5
	Blue	4
2 - White/Orange	White/Orange	3
	Orange	6
3 - White/Green	White/Green	1
	Green	2
4 - White/Brown	White/Brown	7
	Brown	8



568B Wiring

Pair #	Wire	Pin #
1) White/Blue	White/Blue	5
	Blue	4
2) White/Orange	White/Orange	1
	Orange	2
3) White/Green	White/Green	3
	Green	6
4) White/Brown	White/Brown	7
	Brown	8

TABLE 2 - Cable Types and Cable Descriptions

GENERAL CABLE NOTE:

(n)-(cable-type): (n) being a number larger than 1, means (n) runs of the indicated cable-type. i.e. '5-250MCM' would mean that 5 runs of 250 MCM conductor are to be used to make up the indicated cable. Another example might be '12-#16' meaning that 12 runs of # 16 AWG wire (as specified below) are to be used for the indicated cable. In this example, no wire color is specified, implying that any color(s) may be used. The cable-plant coordination group is to be informed of the color(s) actually used so that the related Installation Schedule can then be up-graded to reflect the wiring as actually installed.

CABLE TYPE
#(nn)-(ccc)

CABLE DESCRIPTION

'(nn)' is the AWG # for a single conductor, concentric stranded, insulated wire, UL types: RHH or RHW, FR-1 rated THHN or THWN, or XHHN for aluminum wires. Okonite type 'Okolon' (single conductor) or equal. Note that AWG#0 through AWG#0000 will be indicated as 1/0 through 4/0, respectively.

See color
CODE TABLE

Used with TERM.TYPE
(See Table 3)

For the MCM series cables, sizes are defined as follows. The definitions are for copper, and aluminum. These abbreviations are sometimes used where listing space will not permit the complete descriptor.

250MCM: 25MCM 25MCAL
300MCM: 30MCM 35MCAL
350MCM: 35MCM 35MCAL
500MCM: 50MCM 50MCAL
535MCM:
600MCM: 60MCM 60MCAL
750MCM: 75MCM 75MCAL

LB25D8
LB30-6, LB30D6, LB30D8
LB35-8, LB35D8
LB50-8, LB50D8
LB53D8
LB60D8
LB75-8, LB75D8.

Unless otherwise specified, the conductor is copper. If it is to be aluminum, the size is followed by the letters 'AL'. For example, '3-#6AL' or '#2/0AL' indicates 3 runs of aluminum #6 AWG, or 1 run of aluminum #00 AWG, respectively.

'(ccc)' when included, is the color for the indicated conductor(s), per table 1, above.

(Approximate outside diameter info, #12=0.1", #10=0.2", #8=0.3", #6=0.3", #4=0.4", #2=0.5", #1=0.5", 1/0=0.6", 2/0=0.6", 3/0=0.7", 4/0=0.7", 250MCMAL=0.733", 350MCMAL=0.830", 500MCMAL=0.952", 535MCM=1.3750", 600MCMAL=1.063", 750MCMAL=1.159", 250MCM=0.85", 300MCM=0.82, 350MCM=0.96", 500MCM=1.10", 750MCM=1.32", 1000MCM=1.47").

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
(nnn)MCM	Where (nnn) is the MCM size. See note under '#(nn)-(ccc)' above.		
(nnn)MCMAL	As above, except compact aluminum conductor. See note under '#(nn)-(ccc)' above.		
1010-100	10m CABLE, USED FOR TRANSVERSE TO AMPLIFIER. MFR: METROLAB,S.A. VENDOR: GMW ASSOCIATES,REDWOOD CITY, CA., (650) 802-8292.		
1011-3	3m CABLE, USED FOR TESLAMETER TO PROBE MULTIPLEXER. MFR: METROLAB, S.A. VENDOR: GMW ASSOCIATES, REDWOOD CITY, CA., (650) 802-8292.		
1080-2-7	7m CABLE, USED FOR PROBE, MINI TRANSVERSE, 0.09T TO 0.26T. MFR: METROLAB, S.A. VENDOR: GMW ASSOCIATES, REDWOOD CITY, CA.,(650) 802-8292.		
1080-4-7	7m CABLE, USED FOR PROBE, MINI TRANSVERSE, 0.35T TO 1.05T. MFR: METROLAB, S.A. VENDOR: GMW ASSOCIATES, REDWOOD CITY, CA.,(650) 802-8292.		
1/0-FLEX	#1/0 AWG, FLEXIBLE LOCOMOTIVE CABLE, 275/24 STRANDS, 2000 VOLT. SLAC P/N 61-329-601-16-A012.		LBR02-6,PP180C
1/0TLSNH	1/0, FLEX, 90 DEG / 105 DEG. C, TC, LOW SMOKE NON-HALOGEN (LSNH), 600V. INSULATION COLOR: BLACK, 0.630" O.D. AMERICAN INSULATED WIRE CORP P/N 39892		
#2-FLEX	#2 AWG, EXTRA FLEXIBLE CABLE,150 STRAND, 600V, 0.49" O.D., ALPHA NO. 7410		LB2-5,-6
#2/0FLX	#2/0 AWG, EXTRA FLEXIBLE CABLE, 325 STRANDS, 600V, 0.65" O.D., ALPHA #7413		LB03-8, LB03D8
#4/0FLX	#4/0 AWG, EXTRA FLEXIBLE CABLE, 550 STRANDS, 600V, 0.81"O.D., ALPHA #7415		LB049-3 LB25D8, LB25-8
4/0TLSNH	4/0,FLEX, 90DEG/105DEG. C, TC,LOW SMOKE NON-HALOGEN(LSNH), 600V. INSULATION COLOR BLACK, 0.810" O.D.,AMERICAN P/N40032 AMERICAN INSULATED WIRE CORP P/N 39784.		LB049-3, LB25D8 LB25-8
#10CJ	SINGLE CONDUCTOR, #10 AWG, 113 STRAND, EXTRA FLEXIBLE TINNED COPPER WIRE WITH A CLEAR JACKET.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
1/4HEL	1/4" FOAM DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, CORRUGATED COPPER OUTER CONDUCTOR, 0.29" O.D., 50 OHMS, ANDREW TYPE FHS1-50.		N1/4HP
1/4HELA	1/4" AIR DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, BRAIDED SHIELD CONSTRUCTION, 84147 RADIATION SENSING CABLE, ANDREW TYPE 222793.		
1/4HELB	1/4" HELIAX CABLE, AIR DIELECTRIC, 50 OHMS, 0.29" O.D., ANDREW CAT. #HS1RP-50.		SHVMOD
1/4HEL5	1/4" FOAM DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, CORRUGATED COPPER OUTER CONDUCTOR, PHASE STABILIZED, 50 OHMS, 0.29" O.D. ANDREWS P/N 35422-11, FHJ1-50, OR FSJ1-50.		N1/4HP
1/4HEL5F	1/4" HELIAX, SUPERFLEXIBLE COAXIAL CABLE, FOAM DIELECTRIC, 50 OHMS, PHASE STABILIZED, 0.29" O.D., TYPE FSJ1-50A, ANDREW CAT.#35422-33.		C41SW
1/4HSFX3	SET OF 3 EACH 1/4" HELIAX, SUPERFLEXIBLE COAXIAL CABLE,FOAM N1/4HP DIELECTRIC, FIRE RETARDANT,50 OHMS, PHASE MATCHED, 0.29" O.D.,ANDREW TYPE FSJ1RN-50B, 0.045 LB/FT.		
1/2HEL	1/2" FOAM-DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, CORRUGATED COPPER OUTER CONDUCTOR, 0.64" O.D., 50 OHMS, ANDREW TYPE LDF4-50.		N1/2HP, N1/2HJ SP1/2H
1/2HELA	1/2" FOAM-DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, CORRUGATED COPPER OUTER CONDUCTOR, 0.64" O.D., 50 OHMS, ANDREW TYPE LDF4-50A.		N1/2HA
1/2HELFR	1/2" HELIAX. SUPERFLEXIBLE COAXIAL CABLE, NON-HALOGENATED, LLRF FIRE RETARDANT POLYOLEFIN. FOAM PE, COPPER CLAD ALUMINUM WIRE, .53IN OD, GRAY, CORRUGATED COPPER. 50 OHM ANDREWS P/N # FSJ4RN-50B		
1/2HELGF	1/2" HELIAX COAXIAL CABLE, AIR DIELECTRIC, GAS-TIGHT. 0.58" O.D., ANDREWS P/N HJ4-50.		N1/2HG, N1/2HD
1/2HEL5	SAME AS 1/2"HEL EXCEPT: PHASE STABILIZED, ANDREW 35422-14. OBSOLETE		N1/2HP, N1/2HJ SP1/2H

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
1/2HELFSF	1/2" HELIAX, SUPERFLEXIBLE COAXIAL CABLE,FOAM DIELECTRIC, 50 OHMS, PHASE STABILIZED, ANDREW FSJ4-50B, TYPE #35422-24, 0.52" O.D.P		N1/2MH, N1/2HP
1/2RD	1/2" FOAM DIELECTRIC SEMI-RIGID JACKETED COAXIAL CABLE, TIMES WIRE & CABLE NO. JT-4500J, 0.625" O.D., 75OHM, CATV SYSTEM CABLE.P		S1/2RP, F1/2RP
1/2RDB	1/2" FOAM DIELECTRIC SEMI-RIGID JACKETED COAXIAL CABLE, DIRECT BURIAL, TIMES WIRE & CABLE NO JT-4500JB, 5/8" O.D., 75OHM, CATV SYSTEM CABLE.		S1/2RP
3/4RGD	3/4" FOAM DIELECTRIC SEMI-RIGID JACKETED COAXIAL CABLE, TIMES WIRE & CABLE NO. JT-4750J, 7/8" O.D.,75OHM, CATV SYSTEM CABLE.		S3/4RP
3/8HEL	3/8" FOAM DIELECTRIC SEMI-RIGID, JACKETED, COAXIAL CABLE, CORRUGATED COPPER OUTER CONDUCTOR, 0.44" O.D., 50 OHMS, ANDREW TYPE LDF2-50.		N3/8HP
3/8HELFR	3/8" HELIAX. COAXIAL CABLE, NON-HALOGENATED, FIRE RETARDANT, LLRF POLYOLEFIN. FOAM PE COPPER CLAD ALUMINUM WIRE, GRAY, CORRUGATED COPPER OUTER CONDUCTOR, .45" OD, 50 OHM ANDREWS P/N LDF2RN-50		
3/8HELFSF	3/8" EXTRA FLEXIBLE HELIAX CABLE, FIRE RETARDANT JACKET, ANDREWS P/N EFX2RN-50 OHM.		E2TSM (SMA3/8H)
3/8HELX4	SPECIAL SET OF 4 EACH 3/8"HELIAX COAXIAL CABLES, TIMED, MATCHED AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE.		N3/8HF
5/8HELAN	5/8" (NOMINAL SIZE) HELIAX COAXIAL CABLE. COPPER OUTER CONDUCTOR WITH ANNULAR CORRUGATION. 0.870 OD. LOW-SMOKE, ZERO HALOGEN JACKET. ANDREW PART NUMBERS LDF4.5RK-50 (BLACK),LDF4.5RN-50 (GREY).		
7/8HEL	7/8" FOAM DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, CORRUGATED COPPER OUTER CONDUCTOR, 1.1" O.D., 50 OHMS, ANDREW TYPE LDF5-50.		N7/8HJ, SP7/8H
7/8HELGF	7/8" HELIAX COAXIAL CABLE,AIR DIELECTRIC, GAS-TIGHT. 1.11" O.D.,ANDREWS P/N HJ5-50		N7/8GF

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
7/8HEL5	7/8" FOAM DIELECTRIC, HELIAX COAXIAL CABLE, JACKETED, CORRUGATED COPPER OUTER CONDUCTOR, PHASE STABILIZED, 50 OHMS, 1.1" O.D. ANDREWS P/N 35422-15,LDF5-50A.		N7/8HJ, SP7/8H
1"WCAL	WATER COOLED ALUMINUM CABLE, 1" DIAMETER, 1.25" O.D., 1000VDC.		FLAG-1, FLAG-2
1.25HEL5	1 1/4" HELIAX COAXIAL CABLE, FOAM DIELECTRIC, 50 OHM, 1.55" O.D.,15" MIN. RADIUS, ANDREWS P/N LDF6-50.		
1C12T6V	ONE CONDUCTOR, #12AWG, TYPE THHN, 7 STRAND,600V. SLAC S/N61-328-366-05		
1C18E6V	ONE CONDUCTOR, #18AWG, BLACK TYPE E,STRANDED,600V. SLAC S/N61-328-307-01		
1C20RR6V	ONE CONDUCTOR, #20AWG INSULATED WIRE, RADIATION RESISTANT, 600V, 0.1" O.D. MANCO WIRE AND CABLE CO. UL-3271, #XML1030U(032).		
1MTW-B	ONE CONDUCTOR, #1AWG, STRANDED, WIRE TYPE MTW, BLACK, TFF, AWM, TEW, 600V, 500 FEET SPOOL.		
1PR1T6V	ONE PAIR, #1AWG, STRANDED, TRAY CABLE, 600V, 1.075" O.D., UNSHIELDED, ANIXTER CAT. #3G-0102.	1F	
1PR4T6V	ONE PAIR, #4AWG, STRANDED, TRAY CABLE, 600V 0.787" O.D., UNSHIELDED, ANIXTER CAT. #3G-0402	1F	
1PR6T6V	ONE PAIR, #6AWG, STRANDED, TRAY CABLE, 600V, 0.645" O.D., UNSHIELDED, ANXTER CAT. #3G-0602.	1F	
1PR16AS	ONE PAIR, ARMORED CABLE, 300V, #16 AWG, STRANDED, TINNED-COPPERWIRE, OVERALL SHIELD AND DRAIN WIRE, 0.24" O.D., TRAY CABLE, OKONITE CLX TYPE P-OS 564-10-3401.	1F	LSB#6, XLR3P
1PR16OS	ONE PAIR, #16AWG, STRANDED, COPPER WIRE, OVERALL SHIELD, TRAY CABLE 0.301" O.D.,BELDEN CAT. #9342	1B	LFB, LSB#8, LFR MS10-A, MS10S, MS3P, BP-02, LRB#6, LRB3/8

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
1PR16T3V	ONE PAIR, #16AWG, 300V, UNSHIELDED, TRAY CABLE, 7-STRAND BARE SOFT ANNEALED COPPER, 0.26" O.D., OKONITE TYPE P-NS, CAT. #260-10-4401.	1F	WNY, LFB, LSB#6 XLR3S, XLR3P, MS10SA
1PR16TS	ONE PAIR, #16AWG, 600V, OVERALL SHIELDED, TYPE "T" INSTRUMENTATION CABLE. 0.31" O.D. OKONITE#264-20-4401, TYPE P-OS.		
1PR16TZL	ONE PAIR, #16AWG, 300V, OVERALL SHIELDED, (BELDFOIL) TEFZEL INSULATED, 0.212" O.D. BELDEN CAT#85231.		
1PR18AS	ONE PAIR, ARMORED CABLE, #18AWG.		
1PR18OS	ONE PAIR, #18AWG, 600V, STRANDED, OVERALL SHIELDED, 0.279" O.D. TRAY CABLE, BELDEN CAT. #9341	1F	
1PR18TC	ONE PAIR, #18AWG, TRAY CABLE, OVERALL SHIELDED. MFR: OKONITE.		
1PR18T6V	ONE PAIR, #18AWG, STRANDED, TRAY CABLE, 600V, UNSHIELDED, 0.276" O.D., BELDEN CAT. #9486.	1F	LFR, LSR#6
1PR20OS	ONE PAIR, #20AWG, STRANDED, TINNED COPPER CONDUCTORS, OVERALL SHIELDED, TRAY CABLE, 300 VOLT, 0.217" O.D., BELDEN #9320	1F	LRR#6, BP-02, LEMO4P, LFR, LSR, LFRM LRR1/4, LSR#6, TT4S TT4P, TT12S, MS8P, SOLDER, MS6P, MS3S
1PR20BH	ONE PAIR, #20AWG, STRANDED, COPPER WIRE, ALUMINUM FOIL SHIELD, W/DRAIN WIRE BELDEN #9463, BLUE HOSE (TM) ALLEN BRADLEY CAT# 1770 CD.		
1PR20SCC	ONE PAIR, #20 AWG, SOLID CONDUCTOR, CHROMEL ('+' OR YELLOW) AND ALUMEL('-' OR RED) COLORED PAIRS WITH #22AWG BARE SOLID CONDUCTOR DRAIN WIRE. ENCLOSED IN ALUMINIZED POLYESTER SHIELD FOIL AND THEN A YELLOW, UL LISTED TYPE PLTC PVC JACKET, RATED FOR 300V. 0.230" O.D., OMEGA P/N EXPP-K-20S-TWSH.		
1PR22OS	ONE PAIR, #22AWG, STRANDED, COPPER WIRE, OVERALL BELDFOIL SHIELDED, TRAY CABLE, 300 VOLT, 0.201" O.D., BELDEN P/N 9322	1L	LFR, TT19P, LSR#6 MS10SB, TT4P TT12P, MS3S-S

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
1PR22PLT	ONE PAIR, #22AWG, EIA RS-485, STRANDED, OVERALL BELDFOIL SHIELDED, PLTC TRAY CABLE, 300 VOLT, 0.284" O.D., BELDEN P/N: 3105A		
1PR22SR	ONE PAIR, #22AWG., TINNED COPPER, S-R PVC INSULATED, TWISTED PAIR, BELDFOIL ALUM-POLY SHIELD, CHROME PVC JACKET, 300V, 0.186" O.D., BELDEN CAT#9462.		
1PR22TEF	ONE TWISTED PAIR, #22 AWG, STRANDED TINNED COPPER, TEFLON INSULATED, BELDFOIL SHIELDED, 0.118" O.D., BELDEN CAT. #82761.		
1PR24CC	ONE PAIR, #24 AWG, COPPER CONSTANTAN, SOLID WIRE, COPPER INNER INSULATION IS BLUE(POSITIVE) AND CONSTANTAN INNER INSULATION IS RED(NEGATIVE), FIBERGLASS OVERALL JACKET AND INNER INSULATION. ANSI TYPE "T", 0.050" X 0.080" O.D. OMEGA CAT. #GG-T-24. CABLE TRAY APPLICATION: WHEN ROUTING THIS THEMOCOUPLE WIRE IN A CABLE TRAY, PROTECT THE WIRE OR WIRES USING INNERDUCT TUBING, MFG: SUPERFLEX, FLEXIBLE SPLIT TUBING (GRAY - FLAME RETARDANT), ITEM #125-XXXXG.		
1PR24DOS	ONE TWISTED PAIR, #24 AWG, EIA RS-485, DOUBLE SHIELDED: FOIL AND BRAID WITH DRAIN WIRE, 300 VOLT, 0.232" O.D. MFG: BELDEN, P/N: 9841.		
1PR24OS	TWINAX CABLE, ONE PAIR, #24AWG, STRANDED, 0.129" O.D., MIL-SPEC. MIL-C-17, BELDEN CAT. #81553		LEMO-A
1PR24FRP	ONE PAIR, #24 AWG, STRANDED BARE COPPER CONDUCTORS, WITH FLUOROCOPOLYMER .006" THICK INSULATION, FOIL SHIELDED, PLENUM-RATED, RATED 150V, 0.114" O.D. ALPHA CAT. #58401.		
1PR24PLN	ONE PAIR, #24 AWG, PLENUM CABLE, NEC 725-(b), TINNED COPPER, TEFLON INSULATED WITH BELDFOIL OVERALL SHIELD, 0.152" O.D., MFG BELDEN, P/N 88641.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
1PR28CC	ONE PAIR, #28 AWG, COPPER-CONSTANTAN SOLID WIRE, COPPER INNER INSULATION IS BLUE(POSITIVE) AND CONSTANTAN INNER INSULATION IS RED(NEGATIVE), WITH FIBERGLASS OVERALL JACKET, ANSI TYPE 'T', OMEGA CAT-# GG-T-28, 0.045" X 0.070"O.D. CABLE TRAY APPLICATION: WHEN ROUTING THIS THEMOCOUPLE WIRE IN A CABLE TRAY, PROTECT THE WIRE OR WIRES USING INNERDUCT TUBING, MFG: SUPERFLEX, FLEXIBLE SPLIT TUBING (GRAY - FLAME RETARDANT), ITEM #125-XXXXG.		STRIP, TC-CCP TC-CCS, TC-JNC TC-SLV, W1, TCSCCP
1RMMTLN	1-RIBBON, (12-STRAND), 50/125uM LASER-OPTIMIZED, MULTI-MODE FIBER, (550M @ 10 GIGABIT), LOW-SMOKE, ZERO-HALOGEN JACKET. CORNING PART NUMBER 012TCZ-14190-20.		
1RSMTLN	1-RIBBON, (12-STRAND), 9/125uM, SINGLE-MODE FIBER OPTIC CABLE, LOW-SMOKE, ZERO HALOGEN JACKET. CORNING PART NUMBER 012ECZ-14101-20.		
1THHN	ONE CONDUCTOR, #1 AWG, THHN, BLACK, 19 STRAND, 600V. SLAC S/N 61-328-373-01 .		
1TPR22OS	ONE TWISTED PAIR, #22AWG, OVERALL SHIELDED.		
2/0 WELD	#2/0 WELDING CABLE.		
2/0TLSNH	2/0, 90DEG/105DEG. C, TC, LOW SMOKE NON-HALOGEN (LSNH), 600V.INSULATION COLOR BLACK, 0.740" O.D., AMERICAN PART # 40026.		LB3/0
250WELD	250MCM WELDING CABLE. ONE COPPER CONDUCTOR # 250 KCM, FLEXIBLE WELDING CABLE, THERMOSET JACKETED, CLASS K ROPE STRANDED,(2450 STRANDS) 105 DEGREES "C", 0.925 O.D., ANIXTER CAT # 5J-2501		
2C1TLSNU	TWO CONDUCTOR,#1AWG,600V,19 STRAND,UNSHIELDED, 90DEG. C, LOW SMOKE NON-HALOGENATED (LSNH), POWER TRAY CABLE, TC, 1.050" O.D., NO DRAIN WIRE. LAKE CABLE P/N VXH12 .		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2C2TLSNH	TWO CONDUCTOR #2 AWG 19 STRAND,SHIELDED,AVERAGE INSULATION THICKNESS 45 MILS, AVERAGE JACKET THICKNESS 80 MILS, NOMINAL CABLE O.D. 0.975 IN, NOMINAL CABLE WEIGHT 680 LBS/1000 FT. MULTI-CONDUCTOR, 600V, HEAT, MOISTURE, AND SUNLIGHT RESISTANT, BLACK, POLYOLEFIN OR EQUIVALENT LOW SMOKE ZERO HALOGENATED INSULATING MATERIAL, WET OR DRY LOCATION AT 90 DEGREES C. PART # DRAKA 400287. LAKE CABLE P/N VXH22S(19)(W/DRAIN WIRE)		LB2D6, LB206S
2C2TLSNU	TWO CONDUCTOR,#2AWG,600V,19 STRAND,UNSHIELDED, 90DEG. C, TC,LOW SMOKE NON-HALOGENATED (LSNH),WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE) INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN(XLPO)JACKET,0.918" O.D., NO DRAIN WIRE. LAKE CABLE P/N VXH22(19).		
2C2T6V	TWO CONDUCTORS, #2AWG, STRANDED, PVC/NYLON PVC CONTROL CABLE, UNSHIELDED, TRAY CABLE, 90 DEGREE C, 600V, 0.787" O.D., ANIXTER CAT. #3G-0202	1F	
2C2TS6V	TWO CONDUCTORS,#2AWG,COPPER CONDUCTORS, 600V, 90C TRAY-RATED, XLPE BLACK INSULATION (BLACK AND WHITE INDIVIDUAL CONDUCTORS), UV RESISTANT (SUN RESISTANT). O.D.= 0.975 MANUFACTURER: TAMAQUA CABLE(MANCO P/N M0202/7 XL02G).		LB2-5
2C4T6V	TWO CONDUCTORS, #4AWG, STRANDED, PVC/NYLON PVC CONTROL CABLE, UNSHIELDED, TRAY CABLE, 90 DEGREE C, 600V, 0.787" O.D., ANIXTER CAT. #3G-0402.	1F	
2C6LSNH	NUMBER & CIRCUIT CONDUCTOR SIZE 2C/#6 AWG, AVERAGE INSULATION THICKNESS 45 MILS, AVERAGE JACKET THICKNESS 60 MILS, NOMINAL CABLE 0.775" O.D. NOMINAL CABLE WEIGHT 378 LBS/1000 FT. MULTI-CONDUCTOR, 600V, HEAT, MOISTURE AND SUNLIGHT RESISTANT, BLACK, POLYOLEFIN OR EQUIVALENT LOW SMOKE HALOGENATED INSULATING MATERIAL. WET OR DRY LOCATION AT 90 DEGREES C. PART # DRAKA 382559		
2C4TLN	TWO CONDUCTOR, #4AWG,19 STRAND,SHIELDED,90DEG. C, TC, LOW SMOKE NON-HALOGENATED(LSNH), WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN (XLPO) JACKET, 600V 0.75" O.D. LAKE CABLE P/N VXH42S(19) (W/DRAIN WIRE)		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2C4TLNU	TWO CONDUCTOR, #4AWG,600V,19 STRAND,UNSHIELDED, 90DEG. C, TC, LOW SMOKE NON-HALOGENATED(LSNH), WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN (XLPO) JACKET, 0.771" O.D., NO DRAIN WIRE. LAKE CABLE P/N VXH42(19).		
2C6LSNH	NUMBER & CIRCUIT CONDUCTOR SIZE 2C/#6 AWG, AVERAGE INSULATION THICKNESS 45 MILS, AVERAGE JACKET THICKNESS 60 MILS, NOMINAL CABLE O.D. 0.775 IN,NOMINAL CABLE WEIGHT 378 LBS/1000 FT. MULTI-CONDUCTOR, 600V, HEAT, MOISTURE AND SUNLIGHT RESISTANT, BLACK, POLYOLEFIN OR EQUIVALENT LOW SMOKE HALOGENATED INSULATING MATERIAL. WET OR DRY LOCATION AT 90 DEGREES C. PART # DRAKA 382559		
2C6T6V	TWO CONDUCTORS, #6AWG, STRANDED, PVC/NYLON PVC CONTROL CABLE, UNSHIELDED, TRAY CABLE, 90 DEGREE C, 600V, 0.645" O.D., ANIXTER CAT. #3G-0602.	1F	
2C6T6VOS	TWO COPPER CONDUCTORS, #6AWG, TYPE C STRANDED (19 STRANDS) XLPE,BLACK,SHIELDED, UV RESISTANT (SUN RESISTANT), 90 DEGREES C, 600V,0.775 O.D. WIRE(CU) O.D.0.275.	1F	LR6#10S
2C8T6V	TWO CONDUCTORS, #8AWG, STRANDED PVC/NYLON PVC CONTROL CABLE, UNSHIELDED TRAY CABLE, 90 DEGREE C, 600V, 0.567" O.D., ANIXTER CAT. #3G-0802.	1F	
2C8TLN	TWO CONDUCTOR,#8 AWG, 19 STRAND,SHIELDED,90DEG.C,TC, LOW SMOKE NON-HALOGENATED(LSNH),WITH THERMOSETTING CROSS-LINKED POLYETHYLENE (XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN(XLPO)JACKET,600V. 0.630" O.D., DRAKA CABLETEQ P/N LATER,MANCO PART # D88930208, Quote # TCP8893 LAKE CABLE P/N VXH82S(19),(W/DRAIN WIRE)		
2C8TLNU	TWO CONDUCTOR,#8AWG,600V,19 STRAND,UNSHIELDED,90DEG.C,TC, LOW SMOKE NON-HALOGENATED(LSNH),WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN(XLPO)JACKET, 0.597" O.D., NO DRAIN WIRE. LAKE CABLE P/N VXH82(19).		
2C8TYR	TWO CONDUCTORS, TYREX SO, 600V, #8AWG, STRANDED, COPPER WIRE, 0.70" O.D., STANDARD WIRE & CABLE CO. CAT. #705-5. NOT FOR CABLE TRAY USE.	1C	LR8-6, PS50/2

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2C10T6V	TWO CONDUCTORS, #10AWG, STRANDED, PVC/NYLON PVC CONTROL CABLE, UNSHIELDED, TRAY CABLE, 90 DEGREE C, 0.262 X 0.431" O.D., 600V ANIXTER CAT. #2A-1002.	1B	
2C10TC	TWO CONDUCTORS, #10AWG, 600V, CONTROL TRAY CABLE. 0.47" O.D. OKONITE CAT#202-10-4502.		
2C10TLN	TWO CONDUCTOR, #10 AWG, 19 STRAND, SHIELDED, 90DEG. C, TC, LOW SMOKE NON-HALOGENATED (LSNH), WITH THERMOSETTING CROSS-LINKED POLYETHYLENE (XLPE) INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN (XLPO) JACKET, 600V 0.5" O.D. LAKE CABLE P/N VXH102S(19). (W/DRAIN WIRE)		
2C10TLNU	TWO CONDUCTOR, #10AWG, 600V, 19 STRAND, UNSHIELDED, 90DEG. C, TC, LOW SMOKE NON-HALOGENATED (LSNH), WITH THERMOSETTING CROSS-LINKED POLYETHYLENE (XLPE) INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN (XLPO) JACKET, 0.449" O.D., NO DRAIN WIRE, LAKE CABLE P/N VXH102(19).		
2C10TYR	TWO CONDUCTORS, TYREX TYPE SO, 600V, #10AWG, STRANDED, COPPER WIRE 0.640" O.D., STANDARD WIRE & CABLE CO. CAT. #703-26. NOT FOR CABLE TRAY USE.	1A	LSY#8, STRIP
2C12OS	TWO CONDUCTORS, #12AWG, STRANDED, 600V, WITH OVERALL SHIELD AND JACKET, TYPE SJO500, PER MIL-C-3432D, C0-02-MFG (2/12) SJO500, 0.50" O.D.	1A	LRY#6, PPR8
2C12RR	TWO CONDUCTORS, #12AWG, RADIATION RESISTANT, INDIVIDUAL WIRE. BAY ASSOCIATES MIL-16878/15-12. STYLE 3271.		MS8RPA
2C12TC	TWO CONDUCTORS, #12AWG, 600V, CONTROL TRAY CABLE. 0.42" O.D. OKONITE CAT#202-10-4402.		
2C12T6V	TWO CONDUCTORS, #12AWG, UNSHIELDED, STRANDED, PVC/NYLON CONTROL CABLE TRAY CABLE, 90 DEGREE C, 600V, 0.227 X 0.361" O.D., ANIXTER CAT. #2A-1202.	1B	
2C12TEF	TWO CONDUCTORS, #12AWG, TINNED COPPER, TEFLON INSULATED. CONDUCTORS CABLED. BELDFOIL ALUMINUM. POLYESTER SHIELD TEFLON JACKET, RED TINT. NEC ARTICLE 760. PLENUM-POWER LIMITED. 0.303" O.D. BELDEN P/N83802.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2C12TLN	TWO CONDUCTORS,#12AWG, TYPE C STRAND, 90DEG. C, TC, LOW SMOKE NON-HALOGENATED(LSNH), WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN (XLPO) JACKET, 600V 0.415" O.D.,DRAKA CABLETEQ PART# LATER, MANCO PART # D88930212, Quote # TCP8893		
2C12TLNU	TWO CONDUCTOR,#12AWG,600V,19 STRAND,UNSHIELDED, 90DEG. C, TC, LOW SMOKE NON-HALOGENATED (LSNH),WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN(XLPO)JACKET,0.394" O.D., NO DRAIN WIRE. LAKE CABLE P/N VXH122(19).		
2C12TYR	TWO CONDUCTOR, TYREX TYPE SO, 600V, #12AWG, STRANDED, COPPER WIRE 0.605" O.D., STANDARD WIRE & CABLE CO. CAT. #703-20 NOT FOR CABLE TRAY USE.	1A	LFY, STRIP LSY#8,MS8PAR, LRY#8
2C14OS	TWO CONDUCTORS, #14AWG, OVERALL SHIELDED.		
2C14TYR	TWO CONDUCTORS, TYREX TYPE SO, 600V, #14AWG, STRANDED COPPER WIRE 0.53" O.D., STANDARD WIRE & CABLE CO. CAT. #703-14. NOT FOR CABLE TRAY USE.	1A	LRB#6, STRIP
2C16T3V	TWO CONDUCTORS, #16AWG, 300V. MFR: BELDEN.		
2C16T6V	TWO CONDUCTORS, #16AWG, 600V, 19 TC STRANDS, TRAY CABLE. 0.301" O.D. BELDEN CAT#9487.		
2C18OTN	TWO CONDUCTORS, 18 AWG, SHIELDED, LOW SMOKE ZERO HALOGEN, 300V, TRAY CABLE, O.D. 0.313 IN., LAKE CABLE P/N: TXH182S.		
2C18TC	TWO CONDUCTORS, #18AWG, TRAY CABLE.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2C18TLN	TWO CONDUCTORS,18AWG,19 STRAND,OVERALL SHIELD,TRAY CABLE, 600V CONDUCTOR,18 AWG TIN COATED COPPER. CLASS B STRANDING PER ASTM B8 INSULATION. CROSS-LINKED POLYETHYLENE(XLPE).COLOR CODE: ONE BLACK AND ONE WHITE. CONDUCTOR SHIELD: BRAIDED TIN COATED COPPER SHIELD OVER INDIVIDUAL PAIRS. COLOR CODE: METHOD 2(OVER COMP SHIELD).JACKET: LOW SMOKE, ZERO-HALOGEN CROSS-LINKED POLYOLEFIN(LSZH XL POLYO). BLACK (BLK) OR WHITE (WHT) CABLES ARE 75 OHM INDIVIDUALLY SHIELDED. MULTI-PAIR CONSTRUCTIONS SUITABLE FOR WATERTIGHT, NON-FLEXING SERVICE. MIL-C-24643/33, TYPE LS2SWU-1, O.D.=0.295. LAKE CABLE P/N VXH182S(19) (W/DRAIN WIRE)		
2C18TLNU	TWO CONDUCTOR,#18AWG,600V,19 STRAND,UNSHIELDED, 90DEG. C, TC, LOW SMOKE NON-HALOGENATED (LSNH),WITH THERMOSETTING CROSS-LINKED POLYETHYLENE(XLPE)INSULATED CIRCUIT CONDUCTORS AND CROSS-LINKED POLYOLEFIN(XLPO)JACKET,0.305" O.D., NO DRAIN WIRE. LAKE CABLE P/N VXH182(19).		
2C20OS	TWO CONDUCTORS, #20AWG, 300V, STRANDED TINNED COPPER CONDUCTORS, OVERALL SHIELDED, PVC JACKET, 0.18" O.D., ALPHA CAT#2412.		
2C20OSTC	TWO CONDUCTORS # 20AWG OVERALL SHIELDED, TRAY RATED CABLE, STRANDED COPPER WIRE, 300V, UV RESISTANT, 0.207" O.D., PLTC CABLE ALPHA, ID SWITCH. CAT # 5610B2001E OR EQUAL.		
2C20RR	TWO CONDUCTOR, #20AWG, STRANDED, RADIATION AND CORROSION, RESISTANT FLAME RETARDANT, NON-PVC, ITT-SURPRENANT XML-SERIES, 600VAC ARE TWISTED TOGETHER USING <u>SLAC S/N61-328-316-01</u> BLACK AND <u>SLAC S/N61-328-316-10</u> WHITE. 0.10" O.D.	1F	SOLDER
2C22MS	TWO CONDUCTORS, MICROPHONE CABLE, #22AWG, STRANDED, TINNED-COPPER WIRE, OVERALL SHIELD WITH DRAIN WIRE, 0.23" O.D., BELDEN CAT. #8422	1U	LSR#6, TT4P, TT4S, TT8S, MS3P, MS3S, LFR, LEMO-A,LRR#6
2C22OLN	TWO CONDUCTOR,22 AWG, SHIELDED, LOW SMOKE NON-HALOGEN, CABLE TRAY RATED.0.190" O.D.,LAKE CABLE P/N: TXH222S.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2C220S	TWO CONDUCTORS OVERALL SHIELDED, #22AWG THERMOCOUPLE. HAL 10443P. EX PP-K-20S-TWSH-SLE. OMEGA ENGINEERING.		
2C250LV	TWO(250Kcmil)CABLES, EP INSULATION/HYPALON JACKET, 90deg.DRY/75deg.WET, 600V, 0.96" O.D., ANIXTER CAT#3BF-2501 OR EQUIVALENT.		
2C500TLS	PARALLEL RUN OF 2 SINGLE CONDUCTOR 500KCMIL, FLEX, 90DEG/105DEG. C, TC,LOW SMOKE NON-HALOGEN, (LSNH) 600V. INSULATION COLOR GRAY, 1.150IN O.D.WT= 1.775LB/FT AMERICAN P/N 39778. AMERICAN INSULATED WIRE CORP P/N 39914 BLACK INSULATION.		LB60D8, LB60-8
2MTW-B	ONE CONDUCTOR, #2AWG, STRANDED, WIRE TYPE MTW, BLACK, TFF, AWM, TEW, 600V, 500 FEET SPOOL.		
2PR16AS	TWO PAIRS, #16AWG, CLX CABLE, OVERALL SHIELDED. MFR: OKONITE.		
2PR16IS	TWO PAIRS, #16AWG, INDIVIDUAL SHIELDED AND OVERALL SHIELD, STRANDED TINNED COPPER, 300V, TRAY CABLE, ANIXTER P/N 323-231-1602.	1A	
2PR18OS	TWO TWISTED PAIRS, #18AWG, STRANDED, OVERALL SHIELD, 300V, TRAY CABLE, 0.397" O.D., BELDEN CAT. #9552.	1F	LFR, TT8S
2PR18IS	TWO PAIRS, #18AWG, INDIVIDUAL SHIELDED.		
2PR20IS	TWO TWISTED PAIRS, #20AWG, STRANDED, INDIVIDUALLY SHIELDED, WITH #22 AWG DRAIN WIRE, 300 VOLT, CM RATED, 0.30" O.D., BELDEN P/N 9402.	1S	
2PR20OS	TWO PAIRS, #20 AWG, 300V, OVERALL SHIELDED, TRAY CABLE, 0.27" O.D., ALPHA CAT. #45452.	1H	
2PR20OTN	TWO PAIRS, #20 AWG, 300V, OVERALL SHIELDED, TRAY CABLE, LOW SMOKE ZERO HALOGEN, 0.27" O.D. LAKE CABLE P/N: TXH202PRS.	1H	
2PR20SCC	TWO RUNS OF 1PR20SCC.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2PR22IS	TWO TWISTED PAIRS, #22AWG, STRANDED, INDIVIDUALLY SHIELDED, WITH #24 AWG STRANDED COMMON DRAIN WIRE, 300 VOLT, 0.16" O.D., CM RATED, BELDEN P/N 8723. SLAC SN61-329-314-02.	1S	LFR
2PR22OS	TWO TWISTED PAIRS, 300V, #22AWG, STRANDED, COPPER WIRE, OVERALL SHIELD WITH DRAIN WIRE, 0.31" O.D. TRAY CABLE.	1F	LSR, TT4S DB9P AMP4P, AMP4S
2PR22OTN	2 PAIR, 22 AWG STRANDED CABLE, OVERALL SHIELD WITH DRAIN WIRE AND LSZH JACKET, LAKE CABLE P/N TXH222PRS.		
2PR22SS	TWO PAIR, #22AWG, SOLID CONDUCTORS, 300V, 0.168" O.D., CM RATED, BELDEN CAT. #8795.	1c	
2PR22TX2	FOUR CONDUCTORS, #22AWG, STRANDED, TWISTED PAIRS, INDIVIDUALLY SHIELDED, WITH #24AWG STRANDED TC DRAIN WIRE, 300 VOLT, 0.196" O.D., BLACK LSZH JACKET. BELDEN PN# 8723SB.		
2PR24IS	TWO PAIRS, STRANDED COPPER WIRE, INDIVIDUALLY SHIELDED WITH ONE ISOLATED DRAIN WIRE PER PAIR, CHROME PVC JACKET, 0.335" O.D., CM RATED BELDEN CAT-# 9729 'DATALENE' CABLE.	1P	DAY-20, MS6S MS6PR, LFR RTDS
2PR24OS	TWO PAIRS, #24AWG, OVERALL SHIELDED, STRANDED TWISTED, POLYETHYLENE INSULATED. TINNED COPPER, TRAY RATED. BELDEN CAT#9842.		
2PR28OS	TWO TWISTED PAIRS, #28AWG, STRANDED TINNED COPPER DRAIN WIRE. OVERALL SHIELDED, 0.235" O.D., CHROME PVC JACKET. BELDEN CAT#8132.		
2SMMTLN	2-STRAND, 50/125UM, (550 METER 10-GBE), MULTI-MODE, OPTICAL BREAKOUT CABLE. LOW-SMOKE, ZERO-HALOGEN CABLE SUITABLE FOR TRAYS AND RISERS. AQUA OUTER JACKET. OUTER DIAMETER: 7.8MM(.31"). SUB-CABLE DIAMETER: 2.5MM(.10"). MINIMUM INSTALLATION BEND RADIUS: 11.7CM(4.6"). MINIMUM LONG-TERM BEND RADIUS: 7.8CM(3.1"). OPTICAL CABLE CORPORATION PART NUMBER: BX002ZALE9QZ		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
2SSMTLN	2-STRAND, 9/125UM, SINGLE-MODE, OPTICAL BREAKOUT CABLE. LOW-SMOKE, ZERO-HALOGEN CABLE SUITABLE FOR TRAYS AND RISERS. YELLOW OUTER JACKET. OUTER DIAMETER: 7.8MM(.31"). SUB-CABLE DIAMETER: 2.5MM(.10"). MINIMUM INSTALLATION BEND RADIUS: 11.7CM(4.6"). MINIMUM LONG-TERM BEND RADIUS: 7.8CM(3.1"). OPTICAL CABLE CORPORATION PART NUMBER: BX002ZSLB9YZ		
2THHN	ONE CONDUCTOR, #2 AWG, THHN, BLACK, 19 STRAND, 600V. SLAC S/N 61-328-372-01 .		
2T1C1	SLAC CABLE TYPE USED FOR CODING PURPOSES ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE: 2C1TLSNU.		
2T2C1	SLAC CABLE TYPE USED FOR CODING PURPOSES ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE: 2C2TLSNU.		
2T4C1	SLAC CABLE TYPE USED FOR CODING PURPOSES ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE: 2C4TLNU.		
2T6VOJ	SLAC CABLE TYPE USED FOR CODING PURPOSE ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE 2C2TS6V.		LB2-5
2T8C1	SLAC CABLE TYPE USED FOR CODING PURPOSES ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE: 2C8TLNU.		
2T10C1	SLAC CABLE TYPE USED FOR CODING PURPOSES ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE: 2C10TLNU.		
2T18C1	SLAC CABLE TYPE USED FOR CODING PURPOSES ONLY. THE CONDUCTOR BELONGS TO ONE PAIR CABLE AND IS USED TO CONNECT MAGNETS IN SERIES. THIS PARTICULAR CONDUCTOR BELONGS TO SLAC TYPE CABLE: 2C18OTN.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE</u> (See Table 3)
2.0HEL	1 5/8" HELIAX COAXIAL CABLE, FOAM DIELECTRIC, STANDARD JACKET, 50 OHMS,1.98" OD, COPPER CONDUCTOR, ANDREW TYPE LDF7-50A. BCS MPS PLIC		N-PLIC
3C2T6V	THREE CONDUCTORS, #2AWG, STRANDED, PVC/NYLON PVC CONTROL CABLE, UNSHIELDED, TRAY CABLE, 90 DEGREE C, 600V, 0.947" O.D., ANIXTER CAT. #3G-0203		
3C4IW	THREE CONDUCTORS, #4AWG INDIVIDUAL WIRE.		
3C8T6V	THREE CONDUCTORS, #8AWG, 600V, PVC JACKET. STRANDED COPPER WIRES. 0.600" O.D. TRAY CABLE. ANIXTER #3G-0803.		
3C10PVC	THREE CONDUCTORS, PVC JACKET AND INSULATION, 600V, #10 AWG, FLEXIBLE STRANDED COPPER WIRE, LAPPUSA OLEFLEX 190 P/N 601003 NOT FOR CABLE TRAY USE		
3C10STOW	THREE CONDUCTORS, PVC JACKET AND INSULATION TYPE STOW, 600V, #10 AWG,FLEXIBLE STRANDED COPPER WIRE, COLEMAN CABLE P/N 20039 NOT FOR CABLE TRAY USE.		
3C10TYR	THREE CONDUCTORS, TYREX TYPE SO, 600V, #10 AWG, STRANDED,COPPER WIRE, 0.69" O.D., SLAC <u>SN61-329-722-42</u> . NOT FOR CABLE TRAY USE.	1C	
3C12FLX	THREE CONDUCTORS, #12AWG, 600V, MFR: AMERICAN FLEX CONDUIT.		
3C12G	THREE CONDUCTORS,#12 AWG, STRANDED, 600V INSULATION: MATERIAL PVC,SHIELDED JACKETING: MATERIAL PVC, NOMINAL O.D. (IN.) 0.395 ANIXTER PART # 2A-1203S		
3C12OTN	THREE CONDUCTORS #12 AWG 19 STRAND, BARE COPPER, 600V, 90C XLPE JACKET LSNH, OVERALL SHIELD W/DRAIN, TRAY RATED. LAKE CABLE VHX123S(19) O.D. 0.42"		
3C12STOW	THREE CONDUCTORS, PVC JACKET AND INSULATION TYPE STOW, 600V, #12 AWG,FLEXIBLE STRANDED COPPER WIRE, COLEMAN CABLE P/N 20038 NOT FOR CABLE TRAY USE		
3C12TYR	THREE CONDUCTORS, TYREX TYPE SO, 600V, #12 AWG, STRANDED, COPPER WIRE, 0.635" O.D. SLAC <u>SN61-329-722-32</u> NOT FOR CABLE TRAY USE	1C	LFY,LRY#6,LRY#10

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
3C12T3V	THREE CONDUCTORS, #12AWG, UNSHIELDED, 300V, PVC JACKET, CL-2 RATED ALPHA CAT # 1892/3C, 0.32" O.D. COLOR CODE IS BLACK, RED AND WHITE.	1L	JAE4P, S&T
3C12T6V	THREE CONDUCTORS, #12AWG, 600V, 0.381" O.D., PVC JACKET. ANIXTER CAT#2A-1203.		
3C14FLX	THREE CONDUCTORS, #14AWG, 600V, SOLID COPPER, GROUND WIRE, TRAY CABLE, FLEXIBLE SHEATH, MFR. AMERICAN FLEXIBLE CONDUIT CO. #14/2MC, 0.50" O.D.	1C	ACP, ACR
3C14IW	THREE CONDUCTORS, #14AWG, INDIVIDUAL WIRE.		
3C16FLX	THREE CONDUCTORS, #16AWG, COPPER. MFR: AMERICAN FLEX.		
3C16T3V	THREE CONDUCTORS, 300V, #16AWG, STRANDED, TINNED COPPER WIRE, TRAY CABLE, UNSHIELDED, PVC JACKET, 0.28" O.D., ALPHA P/N 45073	1L	LFB, MS5S MS8S, ACP, ACJBX, LSB#8
3C16OS	THREE CONDUCTOR, #16 AWG, STRANDED, OVERALL SHIELD, 600V, TRAY CABLE PVC JACKET, 0.40" O.D., ALPHA CAT. #45440/3.	1N	S&T
3C16TYR	THREE CONDUCTORS, TYREX TYPE SO, 600V, #16 AWG, STRANDED, COPPER WIRE, 0.43" O.D., SLAC SN <u>61-329-722-12</u> . NOT FOR CABLE TRAY USE	1C	LFB, LSB#6 ACP, ACJBX, ACR, LSR#6
3C18OS	THREE CONDUCTOR, #18 AWG, THERMOPLASTIC RUBBER JACKET, 300V OVERALL SHIELDED, TRAY CABLE, 0.256" O.D., ALPHA CAT. #45383.	1L	LFR, LSR#8
3C18TLN	THREE CONDUCTORS, 18 AWG OVERALL SHIELD, LOW SMOKE ZERO HALOGEN, TRAY CABLE CONDUCTOR 14 AWG AND SMALLER-TIN COATED COPPER PER ASTM B286. <ul style="list-style-type: none"> • CROSS-LINKED POLYETHYLENE (XLPE) • COLOR CODE: METHOD 3 SHIELD: • BRAIDED TIN-COATED COPPER JACKET • LOW-SMOKE, ZERO-HALOGEN CROSS-LINKED POLYOLEFIN (LSZH XL POLYO) BLACK (BLK) OR WHITE (WHT) CABLES ARE MULTI-CONDUCTOR, SHIELDED CONSTRUCTIONS, SUITABLE FOR NON-WATERTIGHT, NON-FLEXING SERVICE. • MILITARY P/N M24643/43-12UO, TYPE LS3SJ-18, O.D.=0.308 		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
3C18TYR	THREE CONDUCTOR, #18 AWG, TYREX TYPE SO, 600V, STRANDED WIRE & CABLE CAT.#-703-4, 0.405" O.D. NOT FOR CABLE TRAY USE.	1C	MS3S-S, LFR
3C20OS	THREE CONDUCTOR, #20 AWG, 300V, OVERALL SHIELDED, CM RATED, 0.218" O.D., BELDEN CAT. #8772.	1U	
3C20T3V	THREE CONDUCTORS, 300V, #20 AWG, STRANDED, TINNED- COPPER WIRE, TRAY CABLE , UNSHIELDED, PVC JACKET, 0.22" O.D., ALPHA CAT.#45053.	1L	LFR, MS3S
3C22OS	THREE CONDUCTORS, #22 AWG, STRANDED, OVERALL SHIELD, 300V, THERMOPLASTIC RUBBER JACKET, TRAY CABLE, 0.22" O.D., ALPHA CAT.#45193.	1N	
3PR16OS	THREE PAIR, #16 AWG, STRANDED, TRAY CABLE, OVERALL SHIELD, 300V 0.36" O.D., BELDEN CAT. #1528A.	1F	MS5P, MS5S
3PR18OS	THREE PAIRS, #18 AWG, 300V TRAY CABLE, OVERALL SHIELDED, STRANDED TINNED COPPER 0.42" O.D., BELDEN CAT.#9553.	1F	LFR, MS6S
3PR20IS	THREE PAIRS, DIGITAL DATA TRANSMISSION CABLE, #20 AWG, STRANDED, TINNED-COPPER WIRE, INDIVIDUALLY SHIELDED PAIRS, WITH ONE ISOLATED DRAIN WIRE FOR EACH PAIR. 0.64" O.D., 110 OHMS, BELDEN SPECIAL.	1D	ST4, ST5, ST6 MS6P, MS6S
3PR20OS	THREE PAIRS, #20 AWG, STRANDED, COPPER WIRE, OVERALL SHIELDED, TRAY CABLE, 300V, 0.31" O.D., ALPHA CAT. #45453.		
3PR22IS	THREE PAIRS, AUDIO AND DATA TRANSMISSION CABLE, #22 AWG, STRANDED, CM RATED, TINNED-COPPER WIRE, INDIVIDUALLY SHIELDED PAIRS, WITH ONE ISOLATED DRAIN WIRE FOR EACH PAIR, PVC JACKET, 0.3" O.D., BELDEN CAT. #8777.	1D	
3PR22ISH	3PR #22AWG, STRANDED COPPER WIRE, INDIVIDUALLY SHIELDED, TEFLON INSULATED, WITH 1 ISOLATED DRAIN WIRE PER PAIR, CHROME PVC JACKET, 300 VOLT, CM RATED, 0.345" O.D., 'DATALINE' CONTROLLED IMPEDANCE CABLE BELDEN CAT#82777.		
3PR22OS	THREE PAIRS, #22 AWG, STRANDED, COPPER WIRE, OVERALL SHIELDED, TRAY CABLE, 300V, 0.326" O.D., BELDEN CAT. #9513.	1F	LFR, LFB MS6PB, MS6PA MS8S, MS10S

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
3PR24CB	THREE TWISTED PAIRS, #24 AWG STRANDED TINNED COPPER DRAIN WIRE, FEP TEFLON INSULATED, OVERALL BELDFOIL ALUMINUM-POLYESTER SHIELD, 300V RMS, 0.241 O.D., BELDEN CAT.#88103.		
3PR24IS	3 PAIR, #24 AWG, STRANDED, COPPER WIRE, INDIVIDUALLY SHIELDED, WITH 1 ISOLATED DRAIN WIRE PER PAIR, CHROME PVC JACKET, 300 VOLT, CM RATED 0.345" O.D., 'DATALENE CONTROLLED IMPEDANCE CABLE, BELDEN CAT. #9730 SLAC SN <u>61-329-200-03</u> .	1P	MS6PSB, TT8P DAY-20, TT8PR TT12P, MS6P DB15P
3PR24OS	THREE PAIRS, #24 AWG, 300V, OVERALL SHIELDED, STRANDED TINNED COPPER, TWISTED PAIRS, 0.27" O.D., TRAY CABLE, ALPHA CAT. #45493.	1H	LFR, BSR
3PR24PLN	THREE PAIR #24 AWG. PLENUM CABLE NEC 725, BARE COPPER CONDUCTORS WITH TINNED DRAIN. 0.167" O.D. MFG. ALPHA P/N#57603.		
3PR28OS	THREE PAIR, #28 AWG, STRANDED TINNED COPPER WIRE, OVERALL SHIELD, TRAY CABLE, 0.260" O.D., BELDEN CAT. #8133.		
3TT22OS	COMPUTER CABLE, 3 CONDUCTORS, 22AWG GAUGE, 300V, 80DEGC TEMPERATURE CHROME COLOR, S-R PVC INSULATION, 30AWG, 7 STRANDING, 0.202 IN. OUTER DIAMETER, POWER ELECTRONIC CABLE TYPE. BELDEN #9939 3C22OS(RS232)		
350TLSNH	350KCMIL, 90DEG/105DEG. C, TC, LOW SMOKE NON-HALOGEN (LSNH), 600V.INSULATION COLOR GRAY, 0.990" O.D., WT= 1.3LB/FT, AMERICAN PART # 39777. AMERICAN INSULATED WIRE CORP P/N 39780 (BLACK INSULATION).		LB35-9, LB35-10 LB35D9
373FLX	MINIMUM WIRES PER CONDUCTOR 925, NOMINAL INSULATION THICKNESS IN 0.075, NOMINAL JACKET THICKNESS IN 0.065, NOMINAL OUTSIDE DIAMETER IN 1.110, APPROX. WEIGHT LBS. PER 1,000 FT. 1436, AMPACITY 90DEG. 591, EXTRA FLEXIBLE CABLE, 325 STRANDS, 600V, 0.65" O.D., PART # AMERCABLE 37-119-217 ID 1.110" PLEASE SEE GENERAL NOTES # 8		
4C2/00S	FOUR CONDUCTORS, #2/0 AWG, TYPE MC(XHHW), 600V, TRAY CABLE, 1.32" O.D., ALUMINUM SHEATH. OKONITE CAT.#571-31-3289.		LB02-6, LB02DB

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
4C2AS	OKONITE C-L-X® TYPE MC-HL (XHHW-2) 600V POWER CABLE WITH ALUMINUM SHEATH. FOUR COPPER CONDUCTORS/90°C WET OR DRY RATING FOR CABLE TRAY USE. OKONITE PART NUMBER 571-31-3276.		
4C2NS	OKONITE C-L-X® TYPE MC-HL (XHHW-2) 600V POWER CABLE WITH-OUT ALUMINUM SHEATH FOUR COPPER CONDUCTORS/90°C WET OR DRY RATING FOR CABLE TRAY USE. OKONITE PART NUMBER 571-31-3276		
4C6PVC	FOUR CONDUCTORS, #6 AWG, PVC JACKET AND INSULATION, 600V, FLEXIBLE STRANDED COPPER WIRE. O.D. 0.986" MFG: LAPPUSA, OLEFLEX 190. P/N: 600604. NOT FOR CABLE TRAY USE		
4C8AS	FOUR CONDUCTORS, #8 AWG, 600V, ALUMINUM SHEATH, TRAY CABLE, OKONITE CLX TYPE MC (XHHW), CAT-# 571-31-3264, 0.95" O.D.	1B	LR8U10
4C8SHLD	OKONITE C-L-X® TYPE MC-HL (XHHW-2) 600V POWER CABLE WITH ALUMINUM SHEATH FOUR COPPER CONDUCTORS/90°C WET OR DRY RATING FOR CABLE TRAY USE. OKONITE PART NUMBER 571-31-3263		
4C8T6V	FOUR CONDUCTORS, #8 AWG, STRANDED, PVC/NYLON PVC CONTROL CABLE, 0.658" O.D., TRAY CABLE, UNSHIELDED, 90 DEGREE C, 600V, ANIXTER CAT. #3G-0804.	1F	
4C8TYR	FOUR CONDUCTOR, TYREX TYPE SO, 600V, #8 AWG, STRANDED, COPPER WIRE, 0.82" O.D., STANDARD WIRE & CABLE CO. CAT. #705-15. NOT FOR CABLE TRAY USE.	1A	LR8U10, ACP20
4C10FST	FOUR CONDUCTOR, PVC FLAT FESTOON CABLE, 600V, #10 AWG.		
4C10T6V	FOUR CONDUCTORS, #10AWG, STRANDED, TRAY CABLE, 600V, 0.556" O.D., UNSHIELDED, ANIXTER CAT. #2MR-1004.	1B	MS8PA, MS8SA MS8PW, MS8PY, LRY#6R
4C10TYR	FOUR CONDUCTOR, TYREX TYPE SO, 600V, #10 AWG, STRANDED, COPPER WIRE, 0.745" O.D., STANDARD WIRE & CABLE CO. CAT. #703-30. NOT FOR CABLE TRAY USE.	1A	
4C12OJ	4 CONDUCTORS, #12 STRANDED, OVERALL JACKET, UNSHIELDED WIRES COLORED:BLACK, RED, BLUE, WHITE. SPECIAL CABLE FOR LINAC CORRECTORS.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
4C12PVC	FOUR CONDUCTORS, #12 AWG, PVC JACKET AND INSULATION, 600V, FLEXIBLE STRANDED COPPER WIRE. O.D. 0.460" MFG: LAPPUSA, OLEFLEX 190. P/N: 601204. NOT FOR CABLE TRAY USE		
4C12T6V	FOUR CONDUCTORS, #12AWG, STRANDED, TRAY CABLE, 600V, 0.468" O.D., UNSHIELDED, ANIXTER CAT.#2MR-1204.	1B	MS8PA, MS8SA MS8PW, MS8PY, LRY#6R
4C12TYR	FOUR CONDUCTOR, #12 AWG, TYREX TYPE SO, 600V, STRANDED, COPPER WIRE, 0.665 O.D., STANDARD WIRE & CABLE CO. CAT. #703-24. NOT FOR CABLE TRAY USE.	1A	LRY#10
4C14IW	FOUR CONDUCTORS, #14AWG, INDIVIDUAL WIRE.		
4C16FLX	FOUR CONDUCTORS, #16 AWG, 600V, SOLID COPPER, GROUND WIRE, TRAY CABLE, FLEXIBLE SHEATH, MFR. AMERICAN FLEXIBLE CONDUIT CO., 0.5" O.D.	1Q	
4C16OS	FOUR CONDUCTORS, #16 AWG, STRANDED, COPPER WIRE, OVERALL SHIELD, TRAY CABLE, 300V, 0.31" O.D., ALPHA NO. #45364.	1L	
4C16PLEN	FOUR CONDUCTORS, #16 AWG, PLENUM CABLE, TINNED COPPER CONDUCTORS, TEFLON INSULATED, BELDFOIL ALUMINUM-POLYESTER SHIELD WITH 85% TINNED COPPER BRAID SHIELD. TEFLON JACKET. NEC 800. 0.228"O.D., BELDEN P/N 83704.	2	
4C16S/U	FOUR CONDUCTOR, #16 AWG, TWO CONDUCTORS ARE INDIVIDUALLY SHIELDED AND THE OTHER TWO CONDUCTORS ARE NOT SHIELDED, 0.5" O.D.		LFB & BULLET
4C16T3V	FOUR CONDUCTOR, #16 AWG, TRAY CABLE, 300V, STRANDED TINNED COPPER WIRE, UNSHIELDED, 0.44" O.D., ALPHA CAT. #45074.	1L	LFB
4C16T6V	FOUR CONDUCTORS, #16AWG, TRAY CABLE, UNSHIELDED.		
4C16TYR	FOUR CONDUCTORS, TYREX TYPE SO, 600V, #16 AWG, STRANDED, COPPER WIRE, 0.485" O.D., STANDARD WIRE & CABLE CO.CAT. #703-12. NOT FOR CABLE TRAY USE.	1A	
4C18OS	FOUR CONDUCTORS, #18 AWG, STRANDED, COPPER WIRE, OVERALL SHIELD, TRAY CABLE, 300V, 0.27" O.D., ALPHA NO. #45384.	1L	BULLET

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
4C18TEF	FOUR CONDUCTORS, #18 AWG, TINNED COPPER, TEFLON INSULATED, OVERALL TAPE WRAP, 0.167 O.D., BELDEN CAT.#88489.		
4C20OS	FOUR CONDUCTORS, #20 AWG, STRANDED, COPPER WIRE, OVERALL SHIELD, TRAY CABLE, 300V, 0.25" O.D., ALPHA NO. #45464.	1L	LFR, TT4S DAY20, MS10PA
4C200TN	FOUR CONDUCTORS, 20 AWG, SHIELDED, LOW SMOKE ZERO HALOGEN, 300V, TRAY CABLE, O.D. 0.234 IN., LAKE CABLE P/N: TXH204S.		
4C22	FOUR CONDUCTORS ENCASED IN RADIATION RESISTANT SPIRAL WRAP. THE SPIRAL WRAP IS SPLIT LOOM TUBING, 0.25" O.D. METRA PART#14. METRA - (800)271-0932, EXT. 249, SALES.		
4C22OS	FOUR CONDUCTORS, #22AWG, 300V, TINNED COPPER, 2 SHIELDED AND 2 UNSHIELDED CONDUCTORS. 0.165" O.D. BELDEN#8724.		
4C22T6V	FOUR CONDUCTORS, #22AWG, TRAY CABLE, 600V, STRANDED TINNED COPPER WIRE, UNSHIELDED, 0.295" O.D.		
4MTW-B	ONE CONDUCTOR, #4AWG, STRANDED, WIRE TYPE MTW, BLACK, TFF, AWM, TEW, 600V, 500 FEET SPOOL.		
4PR16AS	FOUR PAIRS, ARMORED CABLE, 300V, #16 AWG, STRANDED, TRAY CABLE TINNED COPPER WIRE, OVERALL SHIELD AND DRAIN WIRE, 0.82"O.D., OKONITE CLX TYPE P-OS 561-10-3404.	1F	LFB, LFB-B, LSB-G, WNY, LSB#6, LRB#10
4PR16IS	FOUR PAIR, #16 AWG, INDIVIDUALLY SHIELDED, 600 VOLT, TRAY CABLE 0.578" O.D., BELDEN CAT. #1039A.	1F	
4PR16OS	FOUR PAIR, #16 AWG, 600V, 0.558" O.D., OVERALL SHIELD,TRAY CABLE BELDEN CAT. #1070A.	1F	LRB#6, HR13S
4PR16TC	FOUR PAIR, #16AWG, 600V, OVERALL SHIELDED. MFR: OKONITE.		
4PR16TLN	FOUR PAIR, #16 AWG, 600 VOLT INDIVIDUALLY SHIELDED, LOW SMOKE NON HALOGEN, TRAY CABLE, 0.610 O.D., LAKE CABLE # VXH164SPOS.		
4PR18AS	FOUR PAIR ARMORED CABLE, 300V, #18 AWG, STRANDED TINNED COPPER WIRE, OVERALL SHIELD WITH DRAIN WIRE, TRAY CABLE, 0.82" O.D., OKONITE CLX TYPE SP-OS, OKONITE CAT #561-10-3304.	1F	

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
4PR18ITN	FOUR PAIR, # 18 AWG, INDIVIDUALLY SHIELDED PAIRS WITH DRAIN WIRE, BLACK AND WHITE NUMBERED PAIRS, TRAY CABLE, LOW SMOKE ZERO HALOGEN, SUNLIGHT RESISTANT, OVERALL ALUM MYLAR SHIELDED. 0.418" O.D. MFG: LAKE CABLE, P/N: TXH184EPS.		
4PR18OS	FOUR PAIR, #18 AWG, 300V, OVERALL SHIELD, STRANDED TINNED COPPER, TRAY CABLE, BELDEN CAT. #9554. 0.458" O.D.	1F	
4PR18OTN	FOUR PAIR, # 18 AWG, 19 STRAND BARE COPPER WIRE. FLAME RETARDANT CROSS LINKED PE INSULATION, OVERALL ALUM MYLAR SHIELD, 18 AWG 7 STRAND TC DRAIN WIRE, BLACK ZERO HALOGEN POLYOLEFIN JACKET. TYPE ITC. CABLES ALSO MEETS THE REQUIREMENTS OF UL STANDARD 1685 FOR LIMITED SMOKE (UL) LSZH LS LIST.0.415" O.D. LAKE CABLE P/N TXH184PRS(19) .		
4PR18TC	FOUR PAIR, #18AWG, TRAY CABLE.		
4PR20IS	FOUR PAIR, #20 AWG, INDIVIDUALLY SHIELDED, STRANDED TINNED COPPER, CL2 RATED, 30V, ETHERNET CABLE, 0.36" O.D., BELDEN CAT.#9892.	1F	
4PR20OS	FOUR PAIR, #20 AWG, OVERALL SHIELDED, STRANDED TINNED COPPER, TRAY CABLE, 300V, 0.412" O.D., BELDEN CAT. #1056A. WT= 0.097 LB/FT	1F	
4PR22IS	FOUR PAIR, #22AWG, STRANDED TINNED COPPER, INDIVIDUALLY SHIELDED, TRAY CABLE, 300V, 0.360" O.D., BELDEN CAT. #9330.	1F	
4PR22ITN	FOUR PAIR, #22AWG, STRANDED TINNED COPPER, INDIVIDUALLY SHIELDED, LOW SMOKE ZERO HALOGEN, 300V PLTC. 0.347" O.D. WT=.074 LBS/FT. LAKE P/N 050731 SWC3.		
4PR22OS	FOUR PAIR #22 AWG, STRANDED TINNED COPPER WIRE, OVERALL SHIELD, 300V, TRAY CABLE, 0.353" O.D. BELDEN CAT#9514.	1F	LFR, TT8P AMP8P, AMP8S
4PR24CC	FOUR TWISTED PAIRS, #24AWG, TINNED COPPER, INDIVIDUALLY SHIELDED, CHROME PVC JACKET. 0.388" O.D. BELDEN#8164.		
4PR24FRP	FOUR PAIR, #24AWG, TINNED COPPER, FOAMED TEFLON INSULATED, TWISTED PAIRS, GRAY FLUOROCOPOLYMER JACKET, 300V RMS, 0.261"O.D. BELDEN CAT#88104.		AMP9F

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
4PR24IS	FOUR PAIR, #24AWG, STRANDED COPPER WIRE, INDIVIDUALLY SHIELDED, 300 VOLT, CM RATED, 0.363" O.D., BELDEN CAT. #9728, "DATALENE" CONTROLLED IMPEDANCE CABLE.	1P	TT8P
4PR24ITN	FOUR PAIR, 24AWG, STRANDED COPPER WIRE, INDIVIDUALLY SHIELDED, 300 VOLT, 0-HAL BLK JACKET, CM RATED, 0.375" O.D.,		
4PR24NS	FOUR PAIR, #24AWG, NO SHIELD. BELDEN CAT3, PVC JACKET, TELEPHONE WIRE.		
4PR24OS	FOUR PAIR, #24AWG, STRANDED COPPER WIRE, OVERALL SHIELD, TRAY CABLE, 0.388" O.D., BELDEN CAT. #8164.		
4PR350	FOUR PAIR TWISTED UNSHIELDED, #24 AWG, SOLID BARE COPPER, FEP PVC INSULATED, CATEGORY 5, TRAY RATED, 0.188" O.D., 350MHZ ETHERNET CABLE.		
4PR350PLN	FOUR PAIR TWISTED UNSHIELDED, #24 AWG, SOLID BARE COPPER, FEP TEFLON INSULATED, CATEGORY 5, TRAY RATED, 0.188" O.D., 350MHZ ETHERNET CABLE.		
4-PACK	FOUR COAXIAL CABLES INSIDE A SINGLE JACKET WITH CONNECTORS INSTALLED. THIS CABLE ASSEMBLY IS SUPPLIED BY DESY FOR THE FFTB WPM'S. 0.6" O.D.	NA	
4PRCAT3	FOUR PAIR,#24AWG, PLENUM OR PVC CABLE, CATEGORY 3. TELEPHONE CABLE.		
4PRCAT5	FOUR PAIR, #24AWG, PLENUM CABLE, CATEGORY 5. DATA CABLES.		
4PRPLEN	FOUR PAIR, #24 AWG, SOLID BARE COPPER, FEP TEFLON INSULATION, CMP RATED, UNSHIELDED, PLENUM CABLE, 0.200" O.D., CATEGORY 5. BELDEN CAT. #1585A,YM28822.	1b	
4PRPLEN2	FOUR PAIR, #24AWG, 350mhz, BELDEN CAT#1585A.		
4PRPVC	FOUR PAIR, #24 AWG, SOLID BARE COPPER, PVC INSULATION, CMP RATED, UNSHIELDED CABLE, 0.217" O.D., CATEGORY 5. BELDEN CAT. #1583A, YM2881.	1b	
4PRPVC1	FOUR PAIRS, #24 AWG, WHITE, PVC JACKET, SOLID BARE COPPER, UNSHIELDED, 0.217" O.D., CATEGORY 5, BELDEN CAT. #1701A.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
4SMMTLN	4-STRAND, 50/125UM, (550 METER 10-GBE), MULTI-MODE, OPTICAL BREAKOUT CABLE. LOW-SMOKE, ZERO-HALOGEN CABLE SUITABLE FOR TRAYS AND RISERS. AQUA OUTER JACKET. OUTER DIAMETER: 9.1MM(.36"). SUB-CABLE DIAMETER: 2.5MM(.10"). MINIMUM INSTALLATION BEND RADIUS: 13.6CM(5.4"). MINIMUM LONG-TERM BEND RADIUS: 9.1CM(3.6"). OPTICAL CABLE CORPORATION PART NUMBER: BX004ZALE9QZ		
4SSMTLN	4-STRAND, 9/125UM, SINGLE-MODE, OPTICAL BREAKOUT CABLE. LOW-SMOKE, ZERO-HALOGEN CABLE SUITABLE FOR TRAYS AND RISERS. YELLOW OUTER JACKET. OUTER DIAMETER: 9.1MM(.36"). SUB-CABLE DIAMETER: 2.5MM(.10"). MINIMUM INSTALLATION BEND RADIUS: 13.6CM(5.4"). MINIMUM LONG-TERM BEND RADIUS: 9.1CM(3.6"). OPTICAL CABLE CORPORATION PART NUMBER: BX004ZSLB9YZ		
4THHN	ONE CONDUCTOR, #4AWG, 7 STRAND, 600V, SLAC S/N <u>61-328-370-01</u>		
5C4IW	FIVE CONDUCTOR, #4AWG, COPPER CONDUCTORS, 19 STRANDS PER CONDUCTOR, 600V, 90 DEGREES, TRAY RATED, XLPE BLACK INSULATION, UV RESISTANT. MANCO: PART # MA0504GCT		
5C4LSNH	NUMBER & CIRCUIT CONDUCTOR SIZE 5C/#4 AWG, AVERAGE INSULATION THICKNESS 45 MILS, AVERAGE JACKET THICKNESS 80 MILS, NOMINAL CABLE O.D. 1.090 IN, NOMINAL CABLE WEIGHT 1011 LBS/1000 FT. MULTI-CONDUCTOR, 600V, HEAT, MOISTURE AND SUNLIGHT RESISTANT, BLACK, POLYOLEFIN OR EQUIVALENT LOW SMOKE ZERO HALOGENATED INSULATING MATERIAL, WET OR DRY LOCATION AT 90 DEGREES C. PART # DRAKA 400288		
5C8SO	FIVE CONDUCTORS, #8 AWG, TYPE SO/SOOW, 0.90" O.D., 600V, SUPPLIER: ANIXTER, P/N: 4A-0805.		
5C8TYR	PORTABLE POWER CABLE, ALPHA TYPE G, 4 CONDUCTOR WITH GROUND, ALPHA PART NUMBER 7760 OR EQUIVALENT, 2KV, 45A, #8 AWG NOT FOR CABLE TRAY USE.		
5C10PVC	FIVE CONDUCTORS, PVC JACKET AND INSULATION, 600V, #10 AWG, FLEXIBLE STRANDED COPPER WIRE, LAPPUSA OLEFLEX 190 P/N 601005 NOT FOR CABLE TRAY USE		
5C10SO6V	FIVE COPPER CONDUCTOR #10AWG, TYPE SO, STRANDED (105 STRANDS), SYNTHETIC RUBBER INSULATED, THERMOSET JACKETED, 90 DEGREES "C", 600V, 0.79 O.D., ANIXTER CAT # 4A-1005.		LRV#10

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
5C10TYR	FIVE CONDUCTORS, #10AWG, TYREX. SLAC S/N <u>61-329-722-44</u>		
5C10T6V	FIVE CONDUCTOR, #10 AWG, 600V, UNSHIELDED, TRAY CABLE, 0.615: O.D., ANIXTER CAT. #2MR-1005.		
5C12TYR	FIVE CONDUCTORS, #12 AWG, 600V, TYREX TYPE SO, STRANDED COPPER WIRE, NEOPRENE, 105 DEGREE C RATED, 0.71" O.D., SLAC S/N <u>61-329-722-34</u> . NOT FOR CABLE TRAY USE.		LFY, LRY#8
5C14IW	FIVE CONDUCTORS, #14AWG, INDIVIDUAL WIRE.		
5C16OS	FIVE CONDUCTORS, #16 GAUGE, STRANDED, OVERALL FOIL SHIELD, 600 V, TRAY CABLE, 0.48" O.D., ALPHA CAT. #45440/5.	1N	MS5S, TT4S
5C16T6V	FIVE CONDUCTORS, #16 AWG, 600 VOLT, TRAY CABLE, STRANDED, UNSHIELDED, 0.47" O.D., ALPHA P/N 45435.	1N	LFB, LFR MS11S, LSB#6
5C16TYR	FIVE CONDUCTORS, TYREX TYPE SO, 600V, #16 AWG, STRANDED TRAY CABLE, SLAC S/N <u>61-329-722-14</u> . NOT FOR CABLE TRAY USE.		
5C18TC	FIVE CONDUCTORS, #18AWG, 300V, STRANDED TINNED COPPER CONDUCTORS, PVC JACKET. 0.26" O.D. ALPHA#1898/5.		
5C18T6V	FIVE CONDUCTOR, #18 AWG, STRANDED, TRAY CABLE, 600V, UNSHIELDED, ALPHA CAT. #45425, 0.44" O.D.	1N	LFR, MS8P
5C20OS	FIVE CONDUCTOR, #20AWG, STRANDED, OVERALL SHIELD, 600V, TRAY CABLE, 0.42" O.D., ALPHA CAT. #45420/5.	1N	LFR
5PR20OS	FIVE PAIR, #20 AWG, 300 VOLT, OVERALL SHIELD, TRAY CABLE, 0.38" O.D., ALPHA CAT. #45455. IF EITHER END IS A VAT7S CONNECTOR, BOTH ENDS ARE COLOR CODE: >>	1R,1H	VAT7S, MS8S
5PR22ITN	FIVE PAIR, #22 AWG, 7STR BARE COPPER WIRE WITH .021" LSXLPE INSULATION, INDIVIDUAL SHIELDED WITH DRAIN WIRE, 300V, LOW SMOKE ZERO HALOGEN, TRAY CABLE, 0.471" O.D., BLK & WHT NUMBERED PAIRS. MFG: LAKE CABLE, P/N:TXH225EPS.		
5PR22OS	FIVE PAIRS, #22 AWG, 300V, TRAY CABLE, OVERALL SHIELDED, 0.30" O.D., ALPHA NO. 45495.	1H	

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
5PR24CB	FIVE PAIRS, #24AWG, TINNED COPPER, FEP TEFLON INSULATION, GRAY FLUOROCOPOLYMER JACKET, 300V RMS, 0.269" O.D. BELDEN CAT#88105.		
5PR24OS	FIVE TWISTED PAIRS, #24AWG STRANDED TINNED COPPER DRAIN WIRE, OVERALL BELDFOIL ALUMINUM-POLYESTER SHIELD, FEP TEFLON INSULATED, FLAME ARREST JACKET, 0.196" O.D., BELDEN CAT.#82505.		
5PR28F	FIVE TWISTED PAIR, #28 AWG, TWIST'N'FLAT CABLE, LAMINATED T'N'F, STYLE 2697, 300V, AMPHENOL SPECTRA-STRIP P/N 843-132-2801-010		DB9S
5PR28OS	FIVE TWISTED PAIR, #28AWG, OVERALL SHIELD. TINNED COPPER, CHROME PVC JACKET. 0.300" O.D. BELDEN CAT#8135.		
500TLSNH	500KCMIL,FLEX, 90DEG/105DEG. C, TC, LOW SMOKE NON-HALOGEN, (LSNH)600V. INSULATION COLOR GRAY, 1.150" O.D.,WT=1.775LB/FT AMERICAN P/N39778.AMERICAN INSULATED WIRE CORP P/N39914 (BLACK INSULATION)		LB60D8, LB60-8 LB60S8, 500MSCI
6C14IW	SIX CONDUCTORS, #14AWG, INDIVIDUAL WIRE.		
6C16OS	SIX CONDUCTORS, #16AWG, 300V, OVERALL SHIELDED, 0.35" O.D. ALPHA CAT#5366.		
6C18TC	SIX CONDUCTORS, #18AWG, 300V, STRANDED TINNED COPPER, TRAY CABLE, UNSHIELDED. PVC JACKET. 0.29" O.D. ALPHA CAT#1898/6.		
6C200TN	SIX CONDUCTORS, 20 AWG, SHIELDED, LOW SMOKE ZERO HALOGEN, 300V, TRAY CABLE, O.D. 0.283 IN., LAKE CABLE P/N: TXH206S.		
6C26MLC	SIX CONDUCTORS, #26AWG, STRANDED FLAT MODULAR LINE CORD, SPC TECHNOLOGY TYPE#8588-0182 STOCK #52N9472.		
6PR16ITN	SIX INDIVIDUALLY SHIELDED PAIRS,#16AWG,600VOLT,UL LISTED LSZH Type XLPE UL STANDARD 66,1277,1581, NEC Type TC - TRAY RATED CABLE. LAKE CABLE P/N VXH166EPS/20DR. .720 OD,266lb per 1000ft.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE</u> (See Table 3)
6PR16OS	SIX PAIRS, #16 AWG, OVERALL SHIELD, 600 VOLT, TRAY CABLE, 0.660" O.D., ANIXTER CAT. #2AS-1606POS.		
6PR18IS	SIX PAIRS, #18 AWG, INDIVIDUALLY SHIELDED. BELDEN CAT#9774. NEWARK 36F1395WA.		
6PR18OS	SIX PAIRS, #18 AWG, OVERALL SHIELDED, 300V, TRAY CABLE, 0.481" O.D., BELDEN CAT. #9556.	1F	
6PR18T3V	SIX PAIR, #18 AWG, 300V, TRAY CABLE, UNSHIELDED, 0.45" O.D., ALPHA CAT. #45036.	1H	
6PR20IS	SIX PAIR #20 AWG, 30V, INDIVIDUALLY SHIELDED, .427" O.D. CM TYPE, COLOR CODE CHART NO. 3. ANIXTER/BELDEN CAT.# 9874		
6PR20T3V	SIX PAIR, #20 AWG, 300V, TRAY CABLE, UNSHIELDED, 0.40"O.D., ALPHA CAT. #45286.	1H	
6PR22ITN	SIX PAIR, #22 AWG, INDIVIDUAL SHIELDED WITH DRAIN WIRE, 300V, LOW SMOKE ZERO HALOGEN, TRAY CABLE, 0.471" O.D., MFG: LAKE CABLE, P/N: TXH226EPS.		
6PR22IS	SIX PAIR, #22 AWG, INDIVIDUAL SHIELDED, 300V, TRAY CABLE,0.437: O.D., BELDEN CAT. #9331.	1D	
6PR22OS	SIX PAIR, #22 AWG, STRANDED, OVERALL SHIELDED, 300 VOLT, TRAY CABLE 0.425" O.D., BELDEN CAT. #9516.	1F	LFR, MS8P TT12S, DB-PS
6PR24IS	SIX PAIR, #24 AWG, STRANDED, COPPER WIRE, INDIVIDUALLY SHIELDED, CM RATED 0.421" O.D., ISOLATED DRAIN WIRE PER PAIR, CHROME PVC JACKET, 300V, BELDEN CAT. #9731, 'DATALENE' CONTROLLED IMPEDANCE CABLE.	1P	AMP24P
6PR24OS	SIX PAIR, #24 AWG, OVERALL SHIELD, TINNED COPPER, S-R PVC INSULATED WITH OVERALL BELDFOIL SHIELD, PLUS 65% TINNED COPPER BRAID SHIELD, CHROME PVC JACKET, 0.311" O.D., MFG BELDEN, P/N #8336.		
7C12T6V	SEVEN CONDUCTORS, #12AWG, 600V, 0.495" O.D., PVC JACKET. MFR: ANIXTER.		
7C18TC	SEVEN CONDUCTORS, #18AWG, 300V, STRANDED TINNED COPPER, UNSHIELDED TRAY CABLE. PVC JACKET. 0.29" O.D. ALPHA CAT#1898/7.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
7C18T6V	SEVEN CONDUCTORS, #18 AWG, STRANDED, TRAY CABLE, 600V, 0.46" O.D., UNSHIELDED, ALPHA CAT. 45427.	1N	LFR, TT12S
7C22OS	SEVEN CONDUCTORS, #22 AWG, OVERALL SHIELD, 0.308" O.D., 300V, SLAC PURCHASE SPECIFICATION #PS-114-001-03-R2.	1W	TT4P
7PR24IS	SEVEN PAIR, #24AWG, 150V, STRANDED, TINNED COPPER WIRE, INDIVIDUALLY SHIELDED, PLENUM RATED, NEC CMP, 0.367" O.D., BELDEN CAT #89757.		
7PR22OSS	SLAC MADE, 7 TWISTED PAIRS OF 22 AWG, TINNED STRANDED COPPER. WIRES ARE TFE INSULATED (RED/WHITE). WIRES ARE THEN WRAPPED IN STRANDED, TINNED COPPER EXPANDABLE WIRE TUBES (.38 DIAMETER TYP.- MIL-SPEC INC P/N 2146)AND THEN WRAPPED IN STRANDED EXPANDABLE POLYETHYLENE TUBES (ALTA TECH, 1" DIA PE FLEXIBLE TUBE).		
8C10T6V	EIGHT CONDUCTORS, #10 AWG, STRANDED, TRAY CABLE, 0.682"O.D. UNSHIELDED, 600V, ANIXTER CAT. #2A-1008.	1B	
8C12TLN	EIGHT CONDUCTORS, 12AWG TC 600V 90C BARE COPPER WIRE, FLAME RETARDANT PE INSULATION, NON-SHIELDED. BLACK ZERO-HALOGEN POLYOLEFIN JACKET. CABLE MEETS REQUIREMENTS OF UL STANDARD 1685 FOR LIMITED LOW SMOKE. UL LS LISTED. LAKE CABLE P/N 03602WGP2. 0.72" O.D.		
8C12T6V	EIGHT CONDUCTORS, TRAY CABLE, 600V, #12 AWG, UNSHIELDED, 0.66" O.D., ANIXTER CAT. #2A-1208.	1B	MS8PA, MS8PW MS8PY, MS8SA, STRIP
8C14IW	EIGHT CONDUCTORS, #14AWG, INDIVIDUAL WIRE.		
8C16/3V	EIGHT CONDUCTORS, #16AWG, 300V, STRANDED TIN COATED COPPER, UNSHIELDED. 0.41" O.D. ALPHA CAT#5078.		
8C16T6V	EIGHT CONDUCTORS, #16AWG, TYPE TC.		
8C18OS	EIGHT CONDUCTORS, #18AWG, 300V, STRANDED TIN COATED COPPER, OVERALL SHIELDED. 0.38" O.D. ALPHA CAT#5168.		
8C20OS	EIGHT CONDUCTORS, #20AWG, 300V, STRANDED TIN COATED COPPER, OVERALL SHIELDED. 0.31" O.D. ALPHA CAT#5468.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
8C22OS	EIGHT CONDUCTORS, #22AWG, STRANDED, 300V, OVERALL SHIELDED. CHROME SILVER OUTER JACKET.SLAC S/N61-329-318-07.		
8MTW-B	ONE CONDUCTOR, #8AWG, STRANDED, WIRE TYPE MTW, BLACK, TFF, AWM, TEW, 600V, 500 FEET SPOOL.		
8PR16AS	EIGHT PAIR, #16 AWG, ARMORED CABLE, 300V, OKONITE CAT.#564-01-3408.	1F	
8PR16IS	EIGHT PAIRS, #16 AWG, STRANDED, 300V, INDIVIDUALLY SHIELDED, TRAY CABLE, 0.687" O.D., BELDEN CAT.#1494A.	1F	
8PR16OS	EIGHT PAIRS, #16 AWG, STRANDED, OVERALL SHIELD, TRAY CABLE, 300 VOLT, 0.601" O.D., BELDEN CAT. #1485A.	1F	LFB
8PR18AS	EIGHT PAIRS, ARMORED CABLE, #18 AWG, STRANDED TINNED COPPER, OVERALL SHIELD AND DRAIN WIRE, 300V, TYPE P-OS,0.99" O.D., OKONITE CAT.#564-10-3308.	1F	
8PR18OS	EIGHT PAIRS, #18 AWG, OVERALL SHIELDED, TRAY CABLE, 600V, 0.603" O.D., BELDEN CAT.#1065A.	1F	
8PR20IS	EIGHT PAIRS, #20 AWG, STRANDED, TRAY CABLE, INDIVIDUALLY SHIELDED PAIRS, 300V, 0.54" O.D.,BELDEN CAT. #1077A.	1F	MS19S
8PR20OS	EIGHT PAIRS, #20 AWG, STRANDED, TRAY CABLE, OVERALL SHIELD, 300V, 0.56" O.D., ANIXTER P/N 323-231-2008.		
8PR22OS	EIGHT PAIRS, #22AWG, OVERALL SHIELDED.		
8PR24TC	EIGHT PAIRS, #24AWG,TELE CBL, COPPER CONDUCTORS. MFR: PREMIER.		
8PR28F	EIGHT TWISTED PAIR, #28 AWG, TWIST'N'FLAT CABLE, LAMINATED T'N'F, STYLE 2697, 300V, AMPHENOL SPECTRA-STRIP P/N 843-132-2801-016.		DB15S
8PR28OS	EIGHT TWISTED PAIR, #28AWG, OVERALL SHIELDED. TINNED COPPER, CHROME PVC JACKET. 0.330" O.D. BELDEN CAT#8138.		
8PRPHONE	EIGHT PAIRS, #24 AWG, TELEPHONE CABLE, UNSHIELDED, PVC, SOLID COPPER CONDUCTORS, TYPE MPR/CMR, LEVEL 4, CATEGORY 3, MFR. PREMIER.		PUSHON

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
8THHN	ONE CONDUCTOR, #8 AWG, THHN, BLACK, 19 STRAND, 600V. SLAC S/N 61-328-368-01 .		
9C12T6V	NINE CONDUCTOR, #12 AWG, TRAY CABLE, 600V, UNSHIELDED, HOUSTON WIRE & CABLE CAT #H01428 0.615" O.D.	1B	LFY, MS8PA MS8PW, MS8PY MS8SA
9C18J	NINE CONDUCTORS, #18AWG, UNSHIELDED.		
9C18OS	NINE CONDUCTORS, #18 AWG, 600V, TRAY CABLE, 0.48" O.D., ALPHA CAT. #45410/9.	1N	MS8S
9C18T6V	NINE CONDUCTORS, #18 STRANDED, UNSHIELDED, 0.54" O.D., 600 VOLT RATED. USED FOR MAGNET MOVERS, TRAY CABLE, ALPHA CAT.#45429.	1N	AMP9S, GP-CON LFR, LSB#6 VAT7S
9C200TN	NINE CONDUCTORS, #20 AWG, SHIELDED, LOW SMOKE ZERO HALOGEN, 300V, TRAY CABLE, 0.327" O.D. MFG: LAKE CABLE, P/N: TXH209S.		
9C24OS	NINE CONDUCTORS, #24 AWG, STRANDED TINNED COPPER, CM RATED, 0.244" O.D., BELDEN CAT. 49906(A).		
9PR18OS	NINE PAIR, #18AWG, OVERALL SHIELDED. MFR: OKONITE.		
9PR20OS	NINE PAIR, #20AWG, OVERALL SHIELDED. MFR: OKONITE.		
9PR22OS	NINE PAIR, #22 AWG, OVERALL SHIELDED, 300V, TRAY CABLE, 0.488" O.D.,BELDEN CAT. #9520.	1F	
9PR24IS	NINE PAIR, #24 AWG, TINNED COPPER INDIVIDUALLY SHIELDED, CM RATED, 300V, 0.488" O.D. BELDEN CAT.#9732.	1P	
9PR24ISP	NINE PAIR, #24AWG, INDIVIDUALLY SHIELDED, POLYPROPYLENE INSULATED, COLOR CHART NO.3, 0.368" O.D., MFG. BELDEN. P/N #9992.		
9PR24OS	NINE TWISTED PAIRS, #24 AWG STRANDED TINNED COPPER DRAIN WIRE, BELDFOIL OVERALL ALUMINUM-POLYESTER SHIELD, TEFLON INSULATED, 0.246" O.D., BELDEN CAT.#82509.		
10C16T3V	TEN CONDUCTOR, #16 AWG, 300V, STRANDED, UNSHIELDED, TRAY CABLE, 0.43" O.D., ALPHA P/N 45080.	1L	LSB#6, MS10P

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
10C18T3V	TEN CONDUCTOR, #18 AWG STRANDED, 300V, 0.37" O.D., UNSHIELDED, TRAY CABLE, ALPHA CAT. #45070.	1L	SPADE LUGS
10C18OS	TEN CONDUCTORS, #18 AWG, 300V, OVERALL SHIELDED, STRANDED, TRAY CABLE ,0.38" O.D., ALPHA CAT. #45390.	1L	MS10P, MS10S
10C200TN	TEN CONDUCTORS (5 PAIR), #20 AWG, LOW SMOKE ZERO HALOGEN, 300V, - UNCOATED COPPER PER ASTM B174. <ul style="list-style-type: none"> • CROSS-LINKED POLYETHYLENE (XLPE) INSULATION • COLOR CODE: METHOD 3 JACKET • LOW-SMOKE, ZERO-HALOGEN CROSS-LINKED POLYOLEFIN (LSZH XL POLYO) WHITE (WHT) JACKETED CABLES ARE MULTI-CONDUCTOR, SHIELDED CONSTRUCTIONS, SUITABLE FOR NON-WATERTIGHT, FLEXING SERVICE. • MILITARY P/N M24643/12-02UN, TYPE LSSTOP-5, O.D. = 0.590 		
10C22J	TEN CONDUCTORS, #22 AWG,300V, .294" O.D., ALPHA WIRE P/N 1180C		
10C22OS	TEN CONDUCTORS, #22 AWG, 300V, STRANDED, TRAY CABLE, OVERALL SHIELDED, ALPHA CAT.#45199/10, 0.32" O.D.	1N	MS10P
10MTW-B	ONE CONDUCTOR, #10AWG, STRANDED, WIRE TYPE MTW, BLACK, TFF, AWM, TEW, 600V, 500 FEET SPOOL.		
10PRTHRM	TEN PAIR, #20 AWG, OVERALL SHIELD, SOLID WIRE, TYPE PLTC THERMOCOUPLE EXTENSION CABLE, ASA/ISA TYPE TX, OKONITE CAT-# 284-20-4120, 0.56" O.D. COLOR CODE: BLUE (COPPER +) AND RED (CONSTANTAN -).		W1
10PR16AS	TEN PAIRS, 300V, #16AWG, OVERALL SHIELD, TYPE PLTC ARMORED INSTRUMENTATION CABLE. 1.21" O.D. OKONITE P/N 561-10-3410.		
10PR20GS	10 TWISTED PAIR, 20 AWG, SHIELDED, WITH NON-HALOGENATED SHEATH. LAKE CABLE P/N 071019WGP3.		POS19PS
10PR20TN	TEN PAIR, 20 AWG, SHIELDED, LOW SMOKE ZERO HALOGEN, 300V, TRAY CABLE, O.D., 0.539 IN., LAKE CABLE P/N: TXH2010PRS.		
10PR22OS	TEN PAIRS, #22AWG, OVERALL SHIELD.		
10THHN	ONE CONDUCTOR, #10 AWG, STRANDING 19,THHN,600V. SLAC S/N 61-328-367-01 .		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
11PR22OS	ELEVEN PAIRS, 300V, #22 AWG, STRANDED, TRAY CABLE, OVERALL SHIELD, 0.536" O.D., BELDEN CAT. #9521.	1F	LFR, TT19S MS19S
12C10TYR	TWELVE CONDUCTOR, TYREX TYPE SO, 600V, #10 AWG, STRANDED, COPPER WIRE, 1.00" O.D. NOT FOR CABLE TRAY USE.	1A	
12C12T6V	TWELVE CONDUCTOR, #12 AWG, 600V, TRAY CABLE, UNSHIELDED, 0.685" O.D., HOUSTON WIRE & CABLE CAT. #D0401212.	1B	CA24S
12C12TYR	TWELVE CONDUCTOR, TYREX TYPE SO, 600V, #12 AWG, STRANDED, COPPER WIRE, 0.80" O.D. NOT FOR CABLE TRAY USE.	1A	
12C16T6V	TWELVE CONDUCTOR, #16 AWG, 600V, TRAY CABLE, UNSHIELDED, 0.65" O.D. ALPHA CAT. #45439/12.	1N	LFB, MS11P MS16P
12C18J	TWELVE CONDUCTORS, #18AWG, 300V, BELDEN.		
12C18OS	TWELVE CONDUCTORS, #18AWG, OVERALL SHIELD.		
12C18T3V	TWELVE CONDUCTORS, #18 AWG, STRANDED, TINNED COPPER. PVC INSULATED JACKET. 0.424" O.D., BELDEN CAT#8466.		
12C18TC	TWELVE CONDUCTORS, #18AWG, 300V, TRAY CABLE, UNSHIELDED, 0.38" O.D. PVC JACKET. ALPHA CAT#1898/12.		
12C18TLN	TWELVE CONDUCTORS, #18AWG, OVERALL SHIELD, 7 STR BX .030" XLPE OAS W/22GA 7 STR TC DRAIN IN .060" O-HALOGEN BLK JACKET LS (UL) TC 600V 90C, LAKE CABLE # VHX1820S(LS).		
12C20J	TWELVE CONDUCTOR, #20AWG, TINNED COPPER, PVC INSULATED. 0.338" O.D. BELDEN CAT#9457.		
12C22T3V	TWELVE CONDUCTOR, #22 AWG, 0.6" O.D. MFR: MANHATTAN.		
12C22T6V	TWELVE CONDUCTOR, #22 AWG, 600V, TRAY CABLE, UNSHIELDED, 0.52 O.D.", ALPHA CAT. #45409/12.	1N	LFR, MS26S LRR1/4
12PR16AS	TWELVE PAIRS, ARMORED CABLE, 300V, #16 AWG, STRANDED, TINNED-COPPER WIRE, OVERALL SHIELD AND DRAIN WIRE, 1.13" O.D., OKONITE CLX TYPE CAT-# P-OS 564-10-3412.	1F	

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
12PR16OS	TWELVE PAIRS, #16 AWG, 300V, TRAY CABLE, 0.745" O.D., OVERALL SHIELDED, BELDEN CAT. #1486A.	1F	
12PR16TC	TWELVE PAIRS, #16 AWG, TRAY CABLE, OVERALL SHIELDED.		
12PR18AS	TWELVE PAIR TWISTED SHIELDED 18AWG 7 STRAND, COPPER, OKOSEAL, PVC JACKET, 600V APPROX. OD 1.040 P/N 561-10-3312 SEQ.PRINT		
12PR18IS	TWELVE PAIR, #18AWG, INDIVIDUALLY SHIELDED, TINNED COPPER, POLYETHYLENE INSULATED, DRAIN WIRE, PVC JACKET, 0.735"O.D., BELDEN P/N #9776.		
12PR18OS	TWELVE PAIRS, #18 AWG, OVERALL SHIELDED, 300V, 0.677" O.D., TRAY CABLE, BELDEN CAT. #1468A	1F	
12PR18TN	TWELVE PAIRS, INDIVIDUALLY SHIELDED, 18AWG, OVERALL SHIELD, 300V, LSZH JACKET TYPE XLPE, B/W NUMBERED PAIRS, TRAY RATED, .649in DIAMETER, LAKE CABLE LLC, PN TXH1812PRS.		
12PR20IS	TWELVE PAIRS, #20 AWG, INDIVIDUALLY SHIELDED.		
12PR20OS	TWELVE PAIRS, #20 AWG, OVERALL SHIELDED, 300V, STRANDED TRAY CABLE, BELDEN CAT. #1058A.	1F	
12PR22IS	TWELVE PAIR, #22 AWG, 300V, INDIVIDUALLY SHIELDED, 0.464" O.D., CM RATED, BELDEN CAT. #9768.	1P	LFR, LRR1/4
12PR22OS	TWELVE TWISTED PAIRS, PLUS 1 SINGLE WIRE, #22 AWG, STRANDED COPPER WIRE, WITH AN OVERALL SHIELD, WITH DRAIN WIRE. CM RATED, SEE CONNECTOR TYPE FOR WIRING INSTRUCTIONS. 0.455" O.D., BELDEN CAT. #8312.	1P	MS26PA, MS26SA MS32P, LFR MS19P, DAY-20
12PR22TN	12PR/ +1C 22GA STR TC CMG, SEMI RIGID PVC O/A AM SHIELD 65% TC BRAID SHIELD, LSZH BLK JACKET "LS" (UL) 2464, 0.487" O.D. LAKE CABLE 03602WGP4		
12PR22SS	TWELVE PAIRS, #22 AWG, 300V SOLID COPPER WIRE, OVERALL SHIELDED, 0.49" O.D., ALPHA CAT #3712	1K	MS24S, MS24P SOLDER
12.5PR24	TWELVE AND HALF TWISTED PAIRS, #24 AWG STRANDED TINNED COPPER DRAIN WIRE, BELDFOIL OVERALL ALUMINUM-POLYESTER SHIELD, TEFLON INSULATED, 0.278" O.D., BELDEN CAT.#82512.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
12PRTHRM	TWELVE PAIR, #20 AWG, PVC JACKET, COPPER-CONSTANTAN, OVERALL SHIELD 0.592" O.D., ANSI TYPE TX. OMEGA CAT. #12TX20PP. COLOR CODE: BLUE (COPPER+) AND RED (CONSTANTAN-).		
12SMMTLN	12-STRAND, 50/125UM, (550 METER 10-GBE), MULTI-MODE, OPTICAL BREAKOUT CABLE. LOW-SMOKE, ZERO-HALOGEN CABLE SUITABLE FOR TRAYS AND RISERS. AQUA OUTER JACKET. OUTER DIAMETER: 14MM(.55"). SUB-CABLE DIAMETER: 2.5MM(.10"). MINIMUM INSTALLATION BEND RADIUS: 21.1CM(8.3"). MINIMUM LONG-TERM BEND RADIUS: 14.0CM(5.5"). OPTICAL CABLE CORPORATION PART NUMBER: BX012ZALE9QZ		
13C22HV	THIRTEEN(BEL8869) CABLES, 22AWG, TINNED COPPER BRAID SHIELD, BLACK PVC JACKET, PLENUM RATED, 0.645" O.D. STORM PART#SP4433-B.		
13PR28F	THIRTEEN PAIR #28AWG, FLAT/TWISTED CABLE, TINNED-COPPER WIRE, BRAID SHIELD, PVC JACKET, 300V, 5AMP. 380" O.D. STANDARD TWIST LENGTH IS 18" FOLLOWED BY A 2" FLAT SECTION. BELDEN #9M28326.		
15C200S	FIFTEEN CONDUCTOR, #20 AWG, OVERALL SHIELD, 300V, STRANDED, TRAY CABLE, 0.39" O.D., ALPHA CAT. #45470/15.	1L	DB15P
15C240S	FIFTEEN CONDUCTOR, #24 AWG, OVERALL SHIELD, 300V, STRANDED, TRAY CABLE, 0.33" O.D., ALPHA CAT. #45100/15.	1N	DB15P
15C240TN	FIFTEEN CONDUCTORS, #24 AWG, OVERALL SHIELDED, TIN COPPER BRAIDED, WITH DRAIN WIRE, LOW SMOKE ZERO HALOGEN, 300V, O.D. = 0.315" MFG: L-COM P/N: CSLSZH15-XXX (XXX= LENGTH OF 100, 500, 1000FT)		
15PR16IS	FIFTEEN PAIR, #16AWG, INDIVIDUALLY SHIELDED, 600V, 1.125" O.D., TRAY CABLE, SUN RESISTANT, THERMO ELECTRIC CATALOG.		
15PR22IS	FIFTEEN PAIR, #22AWG, INDIVIDUALLY SHIELDED, 30V, CM RATED, 0.548" O.D., BELDEN CAT. #8776.	1P	
15PR22OS	FIFTEEN PAIR, #22 AWG, 300V, OVERALL SHIELD, TRAY CABLE, 594" O.D., BELDEN CAT #9524.	1F	LFR, TT30S MS32P, MS26S MS26P, MS26PG MS28P, MS28S

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
15PR22SS	FIFTEEN TWISTED PAIRS, #22 AWG, SOLID CONDUCTORS, INDIVIDUALLY SHIELDED, CM RATED, 300V, 0.525" O.D., BELDEN CAT #8766.		
15PR22TS	FIFTEEN PAIRS, #22 AWG, 300V, 7 TC STRANDS, OVERALL SHIELD, TRAY CABLE. 0.594" O.D. BELDEN CAT#9524.		
16C22OS	SIXTEEN CONDUCTORS, #22 AWG, OVERALL SHIELDED.		
16PR16AS	SIXTEEN PAIR, #16 AWG, 300V, ARMORED SHIELD, 1.26" O.D., TRAY CABLE, OKONITE CAT. #564-10-3416.	1F	
16PR16IS	SIXTEEN PAIR, #16 AWG, 600V, TRAY CABLE, INDIVIDUALLY SHIELDED 1.023" O.D., BELDEN CAT. #1043A.	1F	LFB
16PR16OS	SIXTEEN PAIR, #16 AWG, 600V, OVERALL SHIELDED, TRAY CABLE, BELDEN CAT. #1073A.	1F	
16PR20AS	SIXTEEN PAIRS, #20 AWG, ARMORED CABLE, 300V, STRANDED, TRAY CABLE, 1.03" O.D., OKONITE CAT. #564-10-3216.	1F	
16PR20KT	16-PAIR, K-TYPE THERMOCOUPLE EXTENSION CABLE. 20AWG, SOLID CONDUCTORS.POSITIVE WIRE: YELLOW. NEGATIVE WIRE: RED. ALUMINUM/MYLAR OVERALL SHIELD WITH DRAIN WIRE. OMEGA PART NUMBER 16KX20PP.		
17PR28RF	SEVENTEEN PAIR, #28AWG, PVC SHIELDED, ROUND-TO-FLAT, 300V RMS,0.050" PITCH MASS-TER CABLE. BELDEN CAT.#9M-28334.		
18MTW	ONE CONDUCTOR, #18AWG, STRANDED, WIRE TYPE MTW, TFF, AWM, TEW, 600V, 6AMPS, 500 FEET SPOOL, GRAINGER.		
18PR22OS	EIGHTEEN TWISTED PAIRS, 300V, #22 AWG, STRANDED, COPPER WIRE, OVERALL SHIELD WITH DRAIN WIRE, 0.54" O.D., SLAC SPECIAL SLAC S/ <u>N61-329-326-19</u> .MFG. GORE, OR EQUAL.	1J	AMP36P,LFR,D37S, D37P,LFB,DB52S, AMP48P,MS19S,TT30P, DD50S,UVC90

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
18PR22TN	EIGHTEEN TWISTED PAIRS, # 22 AWG, STRANDED, COPPER WIRE OVERALL SHIELD WITH DRAIN WIRE, LSZH JACKET, 0.50" O.D. SPECIAL ORDER, MFG: BELDEN, P/N: Y52530. NOTE: Any termination of this cable with an AMP36P Connector is to be done as indicated on drawing CA-123-693-00. The drawing exceptions are: 1) Use the length as appropriate for the indicated cable, and 2) Label the cable with the SLAC-Standard computer Generated labels.		
18PR24IS	EIGHTEEN PAIRS, #24 AWG, INDIVIDUALLY SHIELDED.		
18PR28OS	EIGHTEEN TWISTED PAIRS, #28 AWG, STRANDED, CL2 RATED, OVERALL SHIELD WITH DRAIN WIRE. 0.365" O.D.,BELDEN CAT #9819	1P	
19C12T6V	NINETEEN CONDUCTOR, #12 AWG, 600V, TRAY CABLE, UNSHIELDED, 0.800" O.D., HOUSTON WIRE&CABLE CAT.#D0401219.	1B	LRY
19C16/3V	NINETEEN CONDUCTOR, #16 AWG.		
19C16T3V	NINETEEN CONDUCTOR, #16AWG, 300V, STRANDED.		
19C16T6V	NINETEEN CONDUCTOR, #16 AWG, 600V, TRAY CABLE, UNSHIELDED, 0.74" O.D., ALPHA CAT. #45439/19.	1N	MS16P,LFB
19C18OS	NINETEEN CONDUCTOR, #18 AWG, 600V, TRAY CABLE, OVERALL SHIELD, 0.64" O.D., ALPHA CAT. #45430/19.	1N	LFR, MS20P
19C18T6V	NINETEEN CONDUCTOR, #18 AWG, 600V, TRAY CABLE, UNSHIELDED, 0.68" O.D., ALPHA CAT. #45429/19	1N	TT19SM TT19P LFR
19C22TEF	NINETEEN CONDUCTORS, #22AWG, TINNED COPPER CONDUCTORS, FEP TEFLON INSULATION, TEFLON JACKET, RED TINT, 0.269" O.D. BELDEN CAT#83569.		
19PR18OS	NINETEEN PAIR, #18 AWG, 300V, OVERALL SHIELD, 0.75" O.D. ALPHA CAT. #45379/19.	1H	
19PR22IS	NINETEEN PAIR, #22 AWG, 300V, INDIVIDUALLY SHIELDED, TRAY CABLE, 0.686" O.D., BELDEN CAT. #9335.	1F	MS41P, MS41S LFR, VIK-44,PUSHON
19PR22OS	NINETEEN PAIR, #22 AWG.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
19PR24OS	NINETEEN PAIR, #24 AWG, 300V, OVERALL SHIELDED, CM RATED, 0.448" O.D., BELDEN CAT#9519.	1P	MS32P, MS32S
20C20OS	TWENTY CONDUCTORS, #20 AWG, 300V, OVERALL SHIELDED, TRAY CABLE, 0.43" O.D., ALPHA CAT. #45470/20.	1L	LFR, MS32S MS10P
24PR16AS	TWENTY-FOUR PAIR, #16 AWG, 300V, ARMORED SHIELD, TRAY CABLE, 1.53" O.D., OKONITE CAT#564-10-3424.	1F	
24PR16OS	TWENTY-FOUR PAIR, #16 AWG, OVERALL SHIELD, 600V, TRAY CABLE, 1.147" O.D., BELDEN CAT. #1074A.	1F	
24PR16TC	TWENTY-FOUR PAIR, #16 AWG, TRAY CABLE.MFR: OKONITE.		
24PR18AS	24 PAIR TWISTED SHIELDED 18AWG 7 STRAND, COPPER, OKOSEAL, PVC JACKET, 600V APPROX. OD 1.350 P/N 561-10-3324 SEQ.PRINT		
24PR18IS	TWENTY-FOUR PAIR, #18 AWG, 300V, INDIVIDUALLY SHIELDED, TRAY CABLE, 1.025" O.D., BELDEN CAT. #1480A.	1F	
24PR18OS	TWENTY-FOUR PAIRS, #18 AWG, OVERALL SHIELDED, TRAY CABLE, 600V, BELDEN CAT.#1068A. 1.027" O.D.(300V FROM ANIXTER)	1F	
24PR18TC	TWENTY-FOUR PAIRS, #18 AWG, TRAY CABLE, OVERALL SHIELDED.		
24PR20TC	TWENTY-FOUR PAIRS, #20 AWG, TRAY CABLE.		
24PR22IS	TWENTY FOUR PAIR, #22 AWG, INDIVIDUALLY SHIELDED, CM RATED, 0.891" O.D., BELDEN CAT. #1821A.	1F	
24PR20SS	TWENTY-FOUR PAIR, #20 AWG, OVERALL SHIELDED, SOLID WIRE, 0.875" O.D.		
24PRTHRM	TWENTY-FOUR PAIR, #20 AWG, PVC JACKET, COPPER CONSTANTAN, OVERALL SHIELD, 0.770" O.D., ANSI TYPE TX. OMEGA CAT. #24TC20PP. COLOR CODE: BLUE (COPPER +) AND RED(CONSTANTAN -).		
25C16T3V	TWENTY-FIVE CONDUCTORS, #16 AWG, 300V, STRANDED, TRAY CABLE 0.66" O.D., ALPHA CAT. #45080/25.	1L	
25C16T6V	TWENTY-FIVE CONDUCTORS, #16 AWG, 600V, UNSHIELDED TRAY CABLE. 0.93" O.D. ALPHA CAT#1085.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE</u> (See Table 3)
25C20OS	TWENTY-FIVE CONDUCTORS, #20 AWG, OVERALL SHIELD, 300V, TRAY CABLE, 0.47" O.D., ALPHA CAT.#45470/25.	1L	DB15P
25C20TN	TWENTY-FIVE CONDUCTORS, #20 AWG, SHIELEDDED, LOW SMOKE ZERO HALOGEN, 300V, TRAY CABLE, O.D. 0.502 IN. MFG: LAKE CABLE, P/N: TXH2026S.		
25C24OS	TWENTY-FIVE CONDUCTORS, #24 AWG.		
25C26OS	TWENTY-FIVE CONDUCTORS, #26 AWG.		
25C28F	TWENTY-FIVE CONDUCTOR, #28 AWG, FLAT RIBBON CABLE, STRANDED TINNED COPPER WIRE, WITH GRAY PVC INSULATION, RED POLARITY STRIPE. 0.050 PITCH NOMINAL WIDTH 1.25", 300V RATING, BELDEN CAT. #9L28025. NOT CABLE TRAY RATED.		
25PR19SS	TWENTY-FIVE PAIR, #19 AWG, SOLID CONDUCTORS, OVERALL SHIELD, 1.0" O.D.		LFR
25PR22OS	TWENTY-FIVE PAIR, #22 AWG, OVERALL SHIELEDDED, 300V STRANDED TINNED COPPER, 0.620: O.D., CM RATED, BELDEN CAT. #8325.	1P	
25PR24IS	TWENTY-FIVE PAIRS, DATA TRANSMISSION CABLE, #24 AWG, INDIVIDUALLY SHIELEDDED, CM RATED, 0.94" O.D., BELDEN CAT. #8185.	1P	
25PR24OS	TWENTY-FIVE PAIRS, #24 AWG, 300V, STRANDED, CM RATED, OVERALL SHIELEDDED, 0.708" O.D., BELDEN CAT. #9550.	1P	
25PR24SR	TWENTY-FIVE PAIRS, #24 AWG, TINNED COPPER, S-R PVC INSULATED, TWISTED PAIRS, OVERALL BELDFOIL ALUM-POLY SHIELD, CHROME PVC JACKET, 300V, 0.503" O.D., BELDEN CAT.#9525.		
25PR24SS	TWENTY-FIVE PAIRS, #24 AWG, OVERALL SHIELEDDED, SOLID CONDUCTORS, REA PE-22, TELEPHONE CABLE 0.55" O.D., ANIXTER E-002524AAC		PUSHON
25PR28OS	TWENTY-FIVE TWISTED PAIRS, #28 AWG, STRANDED, CL2 RATED, OVERALL SHIELD WITH DRAIN WIRE.0.429" O.D.,BELDEN CAT#9825		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
25PRCAT5	TWENTY-FIVE PAIRS, #24 AWG, TIA/EIA 568-A CAT 5, OVERALL SHIELDED, SCREENED TWISTED PAIR (ScTP). THERMOPLASTIC, GRAY PVC .522" O.D. NON-PLENUM, MOHAWK PART NO.# M56832		
25PCAT5E	TWENTY-FIVE PAIRS, #24 AWG, TIA/EIA 568-A CAT 5E, OVERALL SHIELDED. THERMOPLASTIC, GRAY PVC .470" O.D. NON-PLENUM, MOHAWK PART NO.# M58141		
26C16/3V	SAME AS 3C16/3V EXCEPT: TWENTY-SIX CONDUCTORS, 0.7"O.D.	1A	LFB, MS11S, MS21P, MS26P, MS26S, TT19P, MS21S, LFR
26C22/3V	SAME AS 3C16/3V EXCEPT: TWENTY-SIX CONDUCTORS, #22 AWG, 0.7" O.D.	1A	LFR, MS19S
26C22OS	TWENTY-SIX CONDUCTORS, #22 AWG, OVERALL SHIELDED.		
26C24OS	TWENTY-SIX CONDUCTOR, #24 AWG, STRANDED TINNED COPPER WIRE, 0.38" O.D. SLAC S/N61-329-326-26.	1N	DB25S, DB25P
26PR22OS	TWENTY-SIX TWISTED PAIRS, 300V, #22 AWG, STRANDED, COPPER WIRE, OVERALL SHIELD WITH DRAIN WIRE, LBL SPEC. LBL-95-10E. 0.5" O.D.	1A	
27C20OS	TWENTY-SEVEN CONDUCTORS, #20 AWG, STRANDED COPPER, OVERALL SHIELD,CM RATED, 300V, 0.52" O.D.,ALPHA NO.5565C.	1N	
27C22TC	TWENTY-SEVEN CONDUCTOR, #22 AWG, STRANDED, 300V, UNSHIELDED, CM RATED, 0.45" O.D., ALPHA CAT. #5215C.	1N	
27PR22OS	TWENTY-SEVEN PAIR, #22 AWG, 300V, OVERALL SHIELD, 0.741" O.D., TRAY CABLE, BELDEN CAT. #9527.	1F	LFR, SOLDER
27PR24IS	TWENTY-SEVEN PAIRS, #24 AWG, 300V, INDIVIDUALLY SHIELDED CM RATED, 0.797" O.D., BELDEN CAT. #9738.	1P	
28P22OSS	SLAC MADE, 28 TWISTED PAIRS OF 22 AWG,TINNED STRANDED COPPER. WIRES ARE TFE INSULATED (RED/WHITE). WIRES ARE THEN WRAPPED IN STRANDED,TINNED COPPER EXPANDABLE WIRE TUBES (.38 DIAMETER TYP.- MIL-SPEC INC P/N 2146)AND THEN WRAPPED IN STRANDED EXPANDABLE POLYETHYLENE TUBES (ALTA TECH, 1" DIA PE FLEXIBLE TUBE).		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
30PR26OS	THIRTY PAIR, #26 AWG, STRANDED OVERALL SHIELDED, 0.5" O.D. SLAC S/N61-329-326-30, GORE CAT.#RCN2294-REV-A.		AMP48P
32C18OS	32 CONDUCTORS 18AWG OVERALL SHIELD LOW SMOKE ZERO HALOGEN CABLE TRAY RATED, RAYCHEM # EPD-RWC-20078-L022.		
32C18TLN	THIRTY-TWO CONDUCTOR, #18AWG STRANDED TINNED COPPER, 300V TRAY CABLE,ZERO HALOGEN.0.611"O.D.,WT=0.288LBS/FT.RAYCHEM WCD51/1611.		
34PRSCSI	68 PIN CONN OVER SHIELDED PLUG WITH ASSEMBLED STANDARD TERMINATION COVERS. AMPLIMITE SERIES III THERMOPLASTIC. AMP PART # 68KEK00051.		SCSI68P
36PR16AS	C-L-X® TYPE SP-OS TYPE ITC/PLTC ARMORED INSTRUMENTATION CABLE MULTIPLE SHIELDED PAIRS OR TRIADS-METAL JACKET OVERALL SHIELD 600 VOLTS - 105°C RATING FOR CABLE TRAY USE OKONITE P/N 561-60-3436 O.D. 1.53".		
36PR16OS	THIRTY-SIX PAIR, #16 AWG, 300V, OVERALL SHIELDED, TRAY CABLE, 1.184" O.D., BELDEN CAT. #1494A.	1F	
36PR18TN	THIRTY-SIX PAIR TWISTED SHIELDED, 7 STR BC LSXLPE O/A SHIELD 300V PLTC LAKE CABLE P/N TXH1836RPS O.D. 1.023in. UL listed as Type PLTC per UL standard 13 IEEE 383, UL 2250, & 1581(1685)		
36PR18OS	THIRTY-SIX PAIR, #18 AWG, 300V, STRANDED, OVERALL SHIELD, TRAY CABLE, 1.062" O.D., BELDEN CAT. #1472A.	1F	LFR
37C24OS	THIRTY-SEVEN CONDUCTORS, #24 AWG LLL CABLE.		
37C24TEF	EIGHTEEN AND ONE-HALF PAIRS, #24AWG TINNED COPPER, FOAM INSULATED, TWISTED PAIRS. OVERALL BELDFOIL ALUMINUM-POLYESTER SHIELD 24 AWG STRANDED TINNED COPPER DRAIN WIRE. GRAY FLUOROCOPOPOLYMER JACKET, 300V, NEC ARTICLE 800, 0.484"O.D. BELDEN P/N 88118.		
37C28FLT	THIRTY-SEVEN CONDUCTOR, #28AWG, FLAT RIBBON CABLE STRANDED TINNED COPPER, NORMAL WIDTH 1.85", 300V, 0.50" PITCH, BELDEN CAT.#9R28037.	1a	

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
40C18T3V	FORTY CONDUCTORS, #18 AWG, 300V, STRANDED, TINNED COPPER WIRE, UNSHIELDED, TRAY CABLE, 0.69" O.D., ALPHA CAT. #45070/40.	1L	LFR
40C24OS	FORTY CONDUCTOR, #24 AWG, 300V, OVERALL SHIELD, CM RATED 0.430" O.D., BELDEN CAT. #9545.	1A	3M40S
40C28FOS	FORTY CONDUCTOR, #28 AWG, FLAT RIBBON CABLE, SHIELDED AND JACKETED, TWISTED PAIR, PVC/PVC, TINNED STRANDED COPPER, 3M P/N 1785/40.		D37P
40PR18AS	50PR16AS DESCRIPTION: C-L-X® TYPE SP-OS TYPE ITC/ PLTC ARMORED INSTRUMENTATION CABLE MULTIPLE SHIELDED PAIRS OR TRIADS-PVC JACKET OVERALL SHIELD 300 VOLTS-105°C RATING FOR CABLE TRAY USE OKONITE P/N 561-10-3450.		
50C28FOS	FIFTY CONDUCTOR, #28 AWG, FLAT RIBBON CABLE, SHIELDED AND JACKETED, TWISTED PAIR, PVC/PVC, TINNED STRANDED COPPER.		
50C16T3V	FIFTY CONDUCTOR, #16 AWG, 300V, 0.93" O.D., UNSHIELDED, TRAY CABLE, ALPHA CAT. #45080/50.	1L	LFB
50C16OS	FIFTY CONDUCTOR, #16 AWG, 300V, OVERALL SHIELD, TRAY CABLE 0.93" O.D. ALPHA CAT. #45370/50.	1L	LFB
50C18OS	FIFTY CONDUCTOR, #18 AWG, 300V, TRAY CABLE, OVERALL SHIELD, 0.76" O.D., ALPHA CAT. #45390/50.	1L	LFB, BULLET
50C18TLN	50C/18GA 7STR BC XLPE, OAS W/ 20GA 7STR TC DRAIN IN 0-HAL BLK JACKET "LS" (UL) TC 600V 90C, 80MILS, 1.573" O.D. AMERCABLE GEXOL-HF.		
50C20OS	FIFTY CONDUCTOR, #20 AWG, OVERALL SHIELD, 300V, 0.67" O.D., ALPHA CAT. #45470/50.	1L	LFR
50C24IS	FIFTY CONDUCTOR, #24 AWG, INDIVIDUALLY SHIELDED TELCO.		
50PR16AS	SAME AS 4PR16AS EXCEPT: FIFTY PAIRS, 1.98" O.D., OKONITE CLX TYPE P-OS 564-10-3450	1F	
50PR16OS	FIFTY PAIRS, #16 AWG, 600V, OVERALL SHIELDED, TRAY CABLE, 1.598" O.D., BELDEN CAT. #1090A.	1F	

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
50PR16TC	FIFTY PAIRS, #16 AWG, TRAY CABLE. MFR: OKONITE.		
50PR18AS	FIFTY PAIRS, #18 AWG, ARMORED CABLE, 300V, OVERALL SHIELDED, WITH DRAIN WIRE, 1.72" O.D., OKONITE CLX TYPE P-OS P/N 564-10-3350.	1F	
50PR18OS	FIFTY PAIR, #18 AWG, 600V, OVERALL SHIELDED, TRAY CABLE, 1.456" O.D., BELDEN CAT.#1088A.	1F	
50PR22S	FIFTY PAIRS, #22 AWG, SOLID COPPER WIRE, UNSHIELDED, 0.50" O.D. PLENUM CABLE.		
50PR24NS	FIFTY PAIRS, #24 AWG, NO SHIELD. PVC JACKET. TELEPHONE WIRE.		
50PR24OS	FIFTY PAIR, #24 AWG, OVERALL SHIELDED.		
50PR24SS	FIFTY PAIRS, #24 AWG, SOLID COPPER WIRE, OVERALL SHIELD, SOLID CONDUCTORS, REA PE22, 0.70" O.D., ANIXTER E-005024AAA.		
51PR22OS	FIFTY-ONE TWISTED PAIRS, #22 AWG, ANNEALED COPPER WIRE OVERALL SHIELD WITH DRAIN WIRE, 300V, 1.00" O.D., MFG. SLAC SPECIFICATION #PS 114-001-01-R3.	1X	
51PR22SS	FIFTY-ONE TWISTED PAIRS, #22 AWG, SOLID CONDUCTOR, OVERALL SHIELD WITH DRAIN WIRE, 300V, 0.710" O.D., CM RATED, BELDEN CAT #8751.	1P	
52C16/3V	FIFTY-TWO CONDUCTOR, #16 AWG, 300V, UNSHIELDED, 1.00" O.D., MFR UNKNOWN.	1A	LFB
55C22OS	FIFTY-FIVE CONDUCTOR, #22 AWG, 600V, OVERALL SHIELDED 0.75" O.D. MFR UNKNOWN.		LFR, SOLDER
60C16OS	SIXTY CONDUCTOR, #16 AWG, OVERALL SHIELDED, 300V, TRAY CABLE, 1.00" O.D., ALPHA CAT. #45370/60.	1L	
100PR24S	ONE HUNDRED PAIRS, #24 AWG, OVERALL SHIELDED, SOLID CONDUCTORS, REA PE-22, TELEPHONE CABLE, 0.87" O.D., ANIXTER E-010024AAC.		PUSHON

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
262FLX	DIESEL LOCOMOTIVE CABLE, MINIMUM WIRES PER CONDUCTOR 646, NOMINAL OUTSIDE DIAMETER IN 0.973, APPROX. WEIGHT LBS. PER 1,000 FT. 1436, AMPACITY 90DEG. 591, EXTRA FLEXIBLE CABLE, 600V, STORES ID: 146102 PART # AMERCABLE 37-119-215, PLEASE SEE GENERAL NOTES # 8		
AC-BM1	AC LINE CORD FOR EXISTING BUSINESS MACHINES. PREWIRED WITH MOLDED CONNECTORS. BELDEN P/N 17952, #16 AWG,3 CONDUCTOR, 13A, SLAC P/N <u>61-329-704-01</u> .		PH290B, SPH386
AC-BM2	AC LINE CORD FOR EXISTING BUSINESS MACHINES PREWIRED WITH MOLDED CONNECTORS. ONE END HAS A PH290B CONNECTOR AND THE OTHER END HAS A SPH386. BELDEN P/N 17255C, #16 AWG, 3 CONDUCTOR,13A, SLAC P/N <u>61-329-704-02</u> .		
BWRB12	A SET OF 4 WIRES CONSISTING OF ONE EACH OF THE FOLLOWING: #12-BLK, #12-RED, #12-BLU AND #12-WHT. THIS IS TREATED AS A SINGLE CABLE.		
C195X08T	A SET OF 8 CNT195FR CABLES USED IN ONE BUNDLE, TYPICALLY FOR USE IN A TRUNK OR BACKBONE APPLICATION FROM PATCH PANEL TO PATCH PANEL.		
CAMLNK10	CUSTOM COMMERCIAL CABLE, P/N # CLCP-10-P#3179,INTERCON 1 NORTECH SYSTEMS.		
CAT6TLN	CATEGORY 6 LSZH UTP SOLID & STRANDED CABLES HORIZONTAL CABLE: 1*24AWG SOLID COPPER POLYOLEFIN INSULATION & FILLER, JACKET: LSZH,UL-E151955/CSA-LL79189/ETL Cable Master.236" OD		
CAT6STLN	CATEGORY 6, 26 AWG TINNED COPPER (STRANDED), OVERALL SHIELD, LOW SMOKE, ZERO HALOGEN JACKET,JACKET COLOR LIGHT GRAY, 0.24" O.D. (NOMINAL).		
CAT6X06T	6 X CAT6 BACKBONE TRUNK CABLES. EACH CABLE IN THE BUNDLE IS MADE OF CAT6STLN CABLES.		
CAT6X12T	12 X CAT6 BACKBONE TRUNK CABLES. EACH CABLE IN THE BUNDLE IS MADE OF CAT6STLN CABLES.		
CAT6X24T	24 X CAT6 BACKBONE TRUNK CABLES. EACH CABLE IN THE BUNDLE IS MADE OF CAT6STLN CABLES.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
CAT6X48T	48 X CAT6 BACKBONE TRUNK CABLES. EACH CABLE IN THE BUNDLE IS MADE OF CAT6STLN CABLES.		
CONVGAU1	SPECIAL PREWIRED CABLE ASSEMBLY FOR A CONVECTRON VAC GAUGE. THERE IS AN AMP15P CONNECTOR ON ONE END AND A GP5S ON THE OTHER END. THIS CABLE IS SUPPLIED BY THE CONTROLS VACUUM GROUP.		
CNT100FR	.110" COAX, 50 OHM IMPEDANCE, FOAM DIELECTRIC,LSZH JACKET, MAX FREQ 61.00 GHZ, ANDREW CINTH CABLE P/N CNT100FR .		
CNT195	COAXIAL CABLE, 50 OHMS, CAPACITANCE 24 PF/FT, 0.195" O.D., NON-HALOGEN, FLAME RETARDANT POLYOLEFIN, (NOT: LOW SMOKE OR TRAY RATED),MFG: ANDREW, P/N: CNT-195-FR.		
CNT195FR	.195" COAX, 50 OHM IMPEDANCE, FOAM DIELECTRIC,LSZH JACKET, MAX FREQ 37.9 GHZ, (SEE LMR195FR FOR EQUIVALENT) ANDREW CINTH CABLE P/N CNT195FR .		
DB9MFV	PRE-FABRICATED COMPUTER CABLE D-SUB 9 PIN MALE TO FEMALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLIERS, IE. "FRY'S ELECTRONICS"		
DB9MMV	PRE-FABRICATED COMPUTER CABLE D-SUB 9 PIN MALE TO MALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS, IE. "FRY'S ELECTRONICS"		
DB25MFV	PRE-FABRICATED COMPUTER CABLE D-SUB 25 PIN MALE TO FEMALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLERS, IE. "FRY'S ELECTRONICS"		
DB25MMV	PRE-FABRICATED COMPUTER CABLE D-SUB 25 PIN MALE TO MALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLERS, IE. "FRY'S ELECTRONICS"		
DC-BUS	THIS INDICATES A SPECIAL LARGE CONDUCTOR, OFTEN WATER-COOLED, NORMALLY USED FOR THE CONNECTION OF HIGH-CURRENT MAGNETS. THE ACTUAL CONDUCTOR WILL BE SPECIFIED ON THE INSTALLATION DRAWING, OR IN THE INSTALLATION INSTRUCTIONS, FOR THAT PARTICULAR SYSTEM.		
DS2124	SINGLE CONDUCTOR, SHIELDED, #16 AWG, 100VDC, 0.440" O.D., DIELECTRIC SCIENCES P/N 2124.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
ELOCAB	TWO CONDUCTORS, #22AWG, (RED&BLACK),AND 2 TWO CONDUCTOR #XXAWG STRANDED WITH BRAIDED SHIELD. ROUND CABLE, 150V, OVERALL FOIL SHIELD WITH BRAID SHIELD, BENDING RADIUS 2 TIMES DIAMETER, X.XXX" O.D., ELOCAB P/N ERK 4181.		
EXT-10	AC EXTENSION CORD, U-GROUND, 10' LONG, #16 AWG, 3 CONDUCTOR, MALE PLUG ON ONE END, FEMALE PLUG ON THE OTHER END, SJO OR SJ CORD, MOLDED PLUGS, SLAC P/N <u>61-329-702-05</u> .		
FIBOPT	FIBER OPTIC CABLE, MFR: ANIXTER.		
FIBOPT1	FIBER OPTIC CABLE ASSEMBLY,THIS CABLE IS FACTORY TERMINATED WITH SMA-TYPE CONNECTORS. CABLE IS ORDERED IN SPECIFIC LENGTHS, KINETIC SYSTEMS CAT #5802-D201, 0.242" O.D. THIS CABLE IS TO BE TERMINATED BY QUALIFIED PERSONNEL ONLY.		OPTIC
FIBOPT2	MULTI-FIBER, 2 FIBERS, CORE/CLADDING DIAMETER IS 100/140, CABLE TYPE 2, CABLE O.D.= .11X.21. THIS IS A CABLE ASSEMBLY ORDERED IN SPECIFIC LENGTHS WITH ST-TYPE CONNECTORS, ANNIXTER CAT. #370-047-100-/140SP-2.		
FIBOPT3	MILTI-FIBER, 2 FIBERS, CABLE TYPE 2, DFNP PLENIUM RATED, MAX. Att. 3.75/1.5dB/km. MINIMUM BEND RADIUS 2.0 INCHES. MFR SIECOR P/N 002K58-31141-24. ANIXTER P/N 370-148-62SJ-2.		SC&ST
FIBOPT4	ONE CONDUCTOR, ZERO HALOGEN, 0.102" O.D., MFG EUROFO, P/N FT2G0037.		
FIBOPT5	EIGHT FIBER, PLENUM (OFNP), MULTIMODE, MAXIMUM ATTENUATION. 850 n m/3.75 to 1300 n m/1.2 DB/KM. 0.410" O.D. MFG 3M THRIFTY-BIT.		
FIBOPT6	SINGLE FIBER, PLENUM RATE, MFR: 3M #FT-400-EMT.		
FIBOPT06	SINGLE MODE 6 STRAND, RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL006ALC5101N1, SPEC. DNL-3224 CABLE DIAMETER .469 IN.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
FIBOPT7	MULTI-FIBER,24 FIBERS IN 4 SUB UNITS, 900UM, TIGHT BUFFER W/EPOXY GLASS ROD & ARAMID FIBER YARN, FLAME-RETARDANT PVC, ORANGE JACKET, 20 X O.D. MIN. BEND RADIUS (INSTALLATION),(UL) LISTED TYPE OFNR,.529". O.D., GENERAL CATALOG # XX0241 AIR.		ST,SC
FIBOPT8	50/125 μM, 24MM, 12 SM HYBRID VERSION, PE INNER AND OUTER JACKETS, 3.0 MM BUFFER TUBE, ULTRAVIOLET-RESISTANT, FLAME RETARDANT, ZERO HALOGEN,IEEE-383 COMPLIANT,LISTED OFN-LS AND CSA FT4-ST1, CABLE TRAY RATED. CORNING CABLE SYSTEMS.		
FIBOPT9	50/125 μM, DUPLEX MM, PE INNER AND OUTER JACKETS, 3.0 MM BUFFER TUBE, ULTRAVIOLET RESISTANT, FLAME RETARDANT, ZERO HALOGEN, IEEE-383 COMPLIANT, LISTED OFN-LS AND CSA FT4-ST1, CABLE TRAY RATED. CORNING CABLE SYSTEMS.		
FIBOPT10	50/125 μM, 48MM, 24 SM HYBRID VERSION, PE INNER AND OUTER JACKETS, 3.0 MM BUFFER TUBE, ULTRAVIOLET-RESISTANT, FLAME RETARDANT, ZERO HALOGEN,IEEE-383 COMPLIANT, LISTED OFN-LS AND CSA FT4-ST1, CABLE TRAY RETED. CORNING CABLE SYSTEMS.		
FIBOPT11	COMMERCIAL CABLE, VENDOR TYCO ELECTRONICS, LIGHTRAY MPO, OPTIMATE, 12 - 50/125 MICRON FIBERS, OFNP, DRG. NO. C-1435028. DIAMETER OF THE CABLE AT 0.25"		
FIBOPT12	(FORMALLY 6 STRAND RAD HARD FUJIKURA),SINGLE MODE,12 STRAND, RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL006ALC510N1, SPEC. DNL-3224 CABLE DIAMETER .469 IN.		
FIBOPT13	SINGLE MODE, 48 STRAND, RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE),FUJIKURA P/N LL0048ALC510N1, SPEC. DNL-3225 CABLE DIAMETER .??? IN.		
FIBOPT14	SINGLE MODE, 72 STRAND, RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE),FUJIKURA P/N LL0072ALC610N1 SPEC. DNL-3226 CABLE DIAMETER .??? IN.		
FIBOPT24	SINGLE MODE 24 STRAND, RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL024ALC5101N1, SPEC. DNL-3224 CABLE DIAMETER .469 IN.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
FIBOPT48	(FORMALLY 13 STRAND RAD HARD FUJIKURA) SINGLE MODE 48 STRAND,RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL048ALC5101N1, SPEC. DNL-3225 CABLE DIAMETER .469 IN.		
FIBOPT72	(FORMALLY 14 STRAND RAD HARD FUJIKURA) SINGLE MODE 72 STRAND,RADIATION RESISTANT,LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL072ALC6101N1, SPEC. DNL-3226 CABLE DIAMETER .500 IN.		
FIBOPT96	SINGLE MODE 96 STRAND, RADIATION RESISTANT, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL096ALC8101N1, SPEC. DNL-3226 CABLE DIAMETER .571 IN.		
FIBOSM02	SINGLE MODE 02 STRAND, LOOSE TUBE, LSZH (FRPE), AFL Telecommunications P/N KE0029481801 SM, .469 IN Max. tensile load short term 600lbs, long term 200lbs, 77lbs per 1000ft nominal weight. Minimum bend radius Short term 9.4in., Long term 4.7in SINGLE JACKET OFNG-LS LISTED		
FIBOSM06	SINGLE MODE 06 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL0069C5101N1, SPEC. DNL-3224 CABLE DIAMETER .469 IN. (FORMALLY CALLED A FIBOPT12 ON LTIM01 WHICH WAS ALSO CALLED A RAD HARD 6 STRAND)		
FIBOSM12	SINGLE MODE 12 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL0129C5101N1, SPEC. DNL-3224 CABLE DIAMETER .469 IN.		
FIBOSM24	SINGLE MODE 24 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL0249C5101N1, SPEC. DNL-3224 CABLE DIAMETER .469 IN.		
FIBOSM48	SINGLE MODE 48 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL0489C5101N1, SPEC.DNL-3224 CABLE DIAMETER .469 IN.		
FIBOSM72	SINGLE MODE 72 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL0729C6101N1, SPEC.DNL-3224 CABLE DIAMETER .500 IN.		
FIBOSM96	SINGLE MODE 96 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL0969C8101N1, SPEC.DNL-3224 CABLE DIAMETER .571 IN.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
FIBOSMPG	FIBER OPTIC, SINGLE MODE, TIGHT BUFFERED STRAND WITH A FACTORY INSTALLED CONNECTOR ON ONE END AND CUT FIBER ON THE OTHER FOR FUSION OR MECHANICAL SPLICING. USUALLY PART OF A MODULE. PIGTAIL TYPICAL LENGTHS ARE 1 OR 2 METERS. WHEN CODED IN CAPTAR, PIGTAIL LENGTHS ARE ADDED TO FIBER SHEATH LENGTHS FOR A TOTAL PATH LENGTH. TYPICAL P/N: SYSTIMAX MODG2-12LC-SM-PT.		
FIBSM144	SINGLE MODE 144 STRAND, LOOSE TUBE, LSZH (FRPE), FUJIKURA P/N LL1449CC101N1, SPEC. DNL-3224 CABLE DIAMETER .720 IN.		
FIB1310	SINGLE MODE, BARE FIBER STRAND. ALWAYS PART OF A LARGER FIBER CABLE OR SHEATH. 1310 INDICATES 1310 NANOMETER OF OPERATION BASED ON STANDARD CORNING FIBER SPECIFICATIONS AND COLOR CODED TO STANDARD FIBER METHODS. STRAND DEFINITIONS REQUIRED FOR SPLICING INFORMATION PURPOSE AND NO PART NUMBERS ARE		
FIOPHYB	HYBRID FIBER OPTIC CABLE, 24 STRANDS MULTIMODE & 12 STRANDS SINGLE MODE INDOOR/OUTDOOR CONSTRUCTION, PDR CABLES ARE FLAME RATED AND SUITABLE FOR BOTH INDOOR AND OUTDOOR INSTALLATIONS 0.539" O.D. MFG BERK-TEK, P/N #PDR12B036024CB3510/15-012AB1010.		FIOP-ST
FIOPMM2	MULTI-FIBER, 2 FIBERS, FIBER IS MULTIMODE 62.5 MICRON CORE, 125 MICRON CLADDING, 250 MICRON COATING, 900 MICRON BUFFERING, MFR IS AT&T, 0.12 X 0.21" O.D. CODE #1816A, COMCODE 103 910 170.		
FIOPMM3	MULTI-FIBER, MULTIMODE 62.5 MICRON CORE, 125 MICRON CLADDING, FDDI PLENUM DUPLEX (ZIPCORD). BY FIBER INSTRUMENT SALES: PART#602-PT-ZC-62AFD.		
FIOPMM12	MULTI-FIBER, 12 FIBERS, FIBER IS A MULTIMODE 62.5 MICRON CORE, CABLE CORE IS 'LIGHTPACK' CABLE FILLED CORE. SHEATH IS STEEL REINFORCED CROSSPLY, 0.42" O.D., MFR. AT&T, PRODUCT CODE 3DAX-012, COMCODE 105 054 878. SPECIAL NOTE:THIS CABLE IS TO BE TERMINATED BY QUALIFIED PERSONNEL ONLY. CABLE AS INSTALLED FOR THE SLC IS TERMINATED USING 'ST' TYPE CONNECTORS. USE COLOR CODE TABLE 1Y.	1Y	FIOP-ST,FO-SPL

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
FIOPMM24	MULTI-FIBER, 24 FIBERS, FIBER IS A MULTIMODE 62.5 MICRON CORE, CABLE CORE IS 'LIGHTPACK' CABLE FILLED CORE. SHEATH IS RODENT-LIGHTING PROTECTED CROSSPLY, 0.42" O.D., MFR. AT&T, PRODUCT CODE 3DHX-024, COMCODE 105 080 360. SPECIAL NOTE:THIS CABLE IS TO BE TERMINATED BY QUALIFIED PERSONNEL ONLY. CABLE AS INSTALLED FOR THE SLC IS TERMINATED USING 'ST' TYPE CONNECTORS. USE COLOR CODE TABLE 1Y.	1Y	FIOP-ST,FO-SPL
FIOPMM48	MULTI-FIBER, 48 FIBERS, FIBER IS A MULTIMODE 62.5 MICRONCORE, CABLE CORE IS 'LIGHTPACK' CABLE FILLED CORE. SHEATH IS RODENT-LIGHTING PROTECTED CROSSPLY, 0.42" O.D., MFR. AT&T, PRODUCT CODE 3DHX-048, COMCODE 105 080 480. SPECIAL NOTE:THIS CABLE IS TO BE TERMINATED BY QUALIFIED PERSONNEL ONLY. CABLE AS INSTALLED FOR THE SLC IS TERMINATED USING 'ST' TYPE CONNECTORS. USE COLOR CODE TABLE 1Y.	1Y	FIOP-ST, FO-SPL
FIOPMM52	MULTI-FIBER, 52 FIBERS, FIBER IS A MULTIMODE 62.5 MICRON CORE, CABLE CORE IS 'LIGHTPACK' CABLE FILLED CORE. SHEATH IS RODENT-LIGHTING PROTECTED CROSSPLY, 0.42" O.D., MFR. AT&T, PRODUCT CODE 3DHX-052, COMCODE 105 080 501. SPECIAL NOTE:THIS CABLE IS TO BE TERMINATED BY QUALIFIED PERSONNEL ONLY. CABLE AS INSTALLED FOR THE SLC IS TERMINATED USING 'ST' TYPE CONNECTORS. USE COLOR CODE TABLE 1Y.	1Y	FIOP-ST, FO-SPL
FOMMDP62	FIBER OPTIC, 62.5/125UM, MULTIMODE, DUPLEX, LSZH. 0.08" O.D.SUPPLIER: MANCO WIRE AND CABLE, (510)632-3290. P/N: LSZH 2X 62.5/ 2MIL		LC-DUP
FOPTMM12	CORNING 12 STRAND MULTIMODE FIBER TRUNK P/N 012TWZ-T4131D2N 12 FIBER ALTOS LSZH GEL-FREE CABLE JACKET 50UM PREMIUM ULTRA-BEND 7.5 10GBE UP TO 150 M 3.0/1.0 DB/KM 950 MHZ-KM EMB 12F/TUBE PRINT IN FT WITH INDUSTRIAL PRINT kg/km (LB/1000ft) 91 (67), NOMINAL OUTER DIAMETER mm (in) ¹ 11.5 (0.46), MINIMUM BEND RADIUS 11.5 (0.46).		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
FOSMLCDP	FIBER OPTIC, RISER RATED, SINGLE MODE JUMPER WITH FACTORY INSTALLED LC DUPLEX STYLE CONNECTORS. LENGTHS VARY DEPENDING ON THE UNIT PURCHASED. TYPICAL P/N: SYSTIMAX FPCWLCUC01-R.		
FRG59R	SAME CABLE AS RG59R, INSTALLED IN 1/2" ALUMINUM FLEX CONDUIT FOR ADDED PROTECTION. THIS IS NORMALLY SPECIFIED AS PART OF A PRE-FABRICATED CABLE ASSEMBLY.		
GP330HF	GRANVILLE PHILLIPS, FLEXIBLE CABLE FOR VACUUM. ONE END IS PRE-WIRED WITH A SPECIAL CONNECTOR, BNC AND AMP4P; AND THE OTHER END IS PRE-WIRED WITH AN IPI MODEL 9237 CONNECTOR. 0.4" O.D.		
HABIA	SIXTY CONDUCTOR, #XX AWG, HV CABLE, FURTHER INFO PENDING, 1.140" O.D., MFG HABIA P/N 98 W 04.		
HC30A	CIRCULAR MULTICONDUCTOR. 20 CONDUCTORS AND 3 COAX CABLES. 0.275" O.D. MFR: CIDTEC.		
HD15MF	PRE-FABRICATED COMPUTER CABLE HD-SUB 15 PIN MALE TO FEMALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLIERS, IE. "Black Box Corp."		
HP-CORD	HP POWER METER CORD. PRE-WIRED WITH SIX PIN CONNECTORS ON EACH END. ONE END HAS A FEMALE CONNECTOR, HPJ, ON IT AND THE OTHER END HAS A MALE CONNECTOR, HPP, ON IT.		HPJ, HPP
HV-CJ	COAXIAL CONNECTOR, MALE, 10KV HV CABLE JACK. REYNOLDS CAT. NO. 1679096-C		
HV-SENS	TRI-AXIAL, SENSOR CABLE, SHIELDED, LSNH, TRAY RATED HIGH VOLTAGE (3KV) FOR SENSOR, FAST SHUTTER. USED ON VAT EQUIPMENT/SYSTEM. CONTACT/ORDER INFORMATION: VAT AG, (925) 944-3570. PART NUMBER: 770CS-99L(X) (X IS LENGTH IN METERS), THE CABLE(S) WILL BE SUPPLIED BY THE VENDOR CUSTOM MADE TO LENGTH WITH CONNECTORS ALREADY ATTACHED.		
HVSPEC1	SPECIAL HIGH VOLTAGE CABLE, #6 AWG COPPER, 120KV DC HVK DPS CABLE, KERITE CAT-# 1985, 1.19" O.D., 80 MILS PVC JACKET.		HV220, LR6#10

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
HVSPEC2	SPECIAL HIGH VOLTAGE CABLE, THIS CABLE CONSISTS OF ONE 3KV AC MIL RATED HOOK-UP WIRE, #12AWG, ANIXTER NO. MIL6878/3-BLE-RED AND ONE 3KV AC MIL RATED HOOK-UP WIRE, #12AWG, ANIXTER NO. MIL6878/3-BLE-WHITE. THESE TWO WIRES ARE TO BE INSTALLED IN 1/2" FLEX CONDUIT. 0.875" O.D.		LSY#8, MS5S
IG-CABLE	PREWIRED CABLE ASSEMBLY WITH BOTH A MALE AND A BNC CONNECTOR AT ONE END FOR CONNECTION TO EITHER A GRANVILLE-PHILLIPS SERIES 270 ION-GAUGE CONTROLLER, OR A VACUUM GAUGE DROP BOX (WHICH USAGE IS DETERMINED BY THE DESIGNATED TERMINATION), 0.375" O.D. NOTE THAT THIS ASSEMBLY MAY BE PRE-FABRICATED USING TYPE 'ION-GAU' CABLE.		GP-GAU, VG-CON, VGAUGE
ION-GAU	SPECIAL LLL ION GAUGE CABLE. ONE UNSHIELDED, TWISTED PAIR OF #14 AWG, TINNED-COPPER CONDUCTORS, TWO #16 AWG, TINNED-COPPER CONDUCTORS, EACH INDIVIDUALLY SHIELDED WITH BRAID SHIELDS. THE INSULATION IS RATED AT GREATER THAN 1000 MEGOHMS PER FOOT OF CABLE. 0.38" O.D., LRL SPEC. LLL-6145-24464.		IG21, IG22
ION-GAU2	SPECIAL ION GAUGE CABLE. THREE #12 AWG WIRES, TWISTED TOGETHER WITH A FOIL OVERALL SHIELD AND 1 EA #22 AWG DRAIN WIRE. ONE COAX BELDEN #9311) LAYED IN PARALLEL. ALL INSULATION USED IS PVC, 600V,. 0.550" O.D. THE MFR. IS ANIXTER. PART NUMBER UNKNOWN.		AMP14P, IG-RS4
ION-GAU3	SPECIAL ION GAUGE CABLE, CUSTOM COMBINATION. COAX (RG58) AND MULTICONDUCTOR OVERALL SHIELDED WITH 22GA DRAIN WIRE. MANUFACTURED BY COAST WIRE AND PLASTIC TECH., INC. CARSON, CA PN# 02-0144		IG23, IG24
KAPTON	MINIATURE COAXIAL CABLE, KAPTON (POLYIMIDE) INSULATION, RADIATION RESISTANT, 0.94" O.D. CUSTOM MADE BY W.L. GORE FOR CAPACITEC, INC.		BNCKAP, MCX
LLNLSUP	LLNL (LAWRENCE LIVERMORE NATIONAL LAB) SUPPLIED CABLE ASSEMBLY. THIS CUSTOM BUILT CABLE IS PROVIDED BY LLNL. THIS CABLE ASSEMBLY IS SPECIFICALLY DESIGNED FOR USE ON LLNL EQUIPMENT.O.D.(OUTSIDE DIAMETER) WILL VARY BASED ON DESIGN AND MATERIAL BEING USED.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
LMR195FR	COAX CABLE, 50 OHM, CAPACITANCE 25.4 PF/FT, FLEXIBLE LOW LOSS, LOW SMOKE ZERO HALOGEN, TYPE CMR OR CATVR (OKAY TO BE USED IN CABLE TRAYS PER NEC ARTICLE 820.154 (D)(E). 0.195 IN. O.D. MFR: TIMES MICROWAVE, P/N: LMR-195-FR .		
LMR200X2	COAXIAL CABLE, 50 OHMS, 0.195" O.D., 0.022LB/FT TIMES MICROWAVE SYSTEMS OR EQUIVALENT. NOMINAL VELOCITY 83%. CAT. #LMR200.		N200, N200BJ
LMR200FR	COAXIAL CABLE, 50 OHMS, 0.195" O.D., CMR/MPR (PCC-FT4) NON-HALOGEN, 0.022LB/FT. TIMES MICROWAVE SYSTEMS OR EQUIVALENT. NOMINAL VELOCITY 83%. CAT. #LMR-200-FR.		N200, N200BJ
LMR240X2	COAXIAL CABLE, 50 OHMS, 0.240" O.D., 0.034LB/FT. TIMES MICROWAVE SYSTEMS OR EQUIVALENT. NOMINAL VELOCITY 84%. CAT. #LMR-240.		N240, N240BJ
LMR240FR	COAXIAL CABLE, 50 OHMS. 0.240" O.D., CMR/MPR (PCC-FT4) NON-HALOGEN, 0.034LB/FT. TIMES MICROWAVE SYSTEMS OR SPECIAL EQUIVALENT. NOMINAL VELOCITY 84%. CAT. #LMR-240-FR.		N240, N240BJ, BNC240
LMR2FRX4	SET OF 4 EACH LMR240FR CABLES, TIMED, MATCHED AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE.		N240, N240BJ
LMR400X2 LMR400X4	COAXIAL CABLE, 50 OHMS, 0.405" O.D., 0.068LB/FT TIMES MICROWAVE SYSTEMS OR EQUIVALENT. NOMINAL VELOCITY 85%. CAT. #LMR400.		N400, N400BJ
LMR400FR	COAXIAL CABLE, 50 OHMS, 0.405" O.D., CMR/MPR (PCC-FT4) NON-HALOGEN, 0.068LB/FT, TIMES MICROWAVE SYSTEMS OR EQUIVALENT. NOMINAL VELOCITY 85%. CAT. #LMR-400-FR		N400, N400BJ
LMR4FRX4	SET OF 4 EACH LMR400FR COAXIAL CABLES, TIMED, MATCHED AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE. OD EA CABLE = 0.405"; ODT= 1.296".		N400, N400BJ
LMR600	COAXIAL CABLE, 50.0 OHMS, 0.590" O.D., TIMES FREQUENCY @ 2.5 GHZ, TEMPERATURE RANGE -40C TO +85C NOMINAL VELOCITY OF PROPAGATION 87% ZCOMAX TECHNOLOGIES #LMR600.		NM-L600, NF-L600

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
LMR600FR	COAXIAL CABLE, 50 OHMS, 0.590" O.D., CMR/MPR (PCC-FT4) NON-HALOGEN, 0.131LB/FT. TIMES MICROWAVE SYSTEMS OR EQUIVALENT.NOMINAL VELOCITY 87%. CAT.#LMR-600-FR.		N600, N600BJ
LMR6FRX4	SET OF 4 EACH LMR600FR CABLES, TIMED, MATCHED AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE.		N600, N600BJ
NMRI/O	STRAND OF 6-0.14MM SQ. TINNED COPPER EXTRA FLEXIBLE CONDUCTORS INSULATED POLYMER TWISTED UNDER A POLYESTER TAPE AND COAXIAL(RG318) WITH STRANDED TINNED COPPER CONDUCTOR, 0.12MM TINNED COPPER BRAID INSULATION AND PVC JACKET FLAT CABLE. 250V, 7.5-0.3X5-0.3MM O.D. MULLER SA CAT.#26512/A.		
NOKIA	THREE TWISTED PAIR, #28 AWG, SOLID CONDUCTORS, ZERO HALOGEN, CERN SPEC #23, TYPE MB06P IEC 332-1. 0.138" O.D., MFG. NOKIA KABEL.		
NPMM10	CUSTOM MOTION ELECTRONICS ITEM, CUSTOM INTERCONNECT CABLE; STANDARD FEATURES: MMCABLE CONSTRUCTION, MATERIALS; SPECIAL FEATURES; 3QM LENGTH; NOTE: INCREASED CABLE LENGTH BEYOND 10M IS NOT RECOMMENDED. USER ASSUMES RESPONSIBILITY FOR LOSS OF PRODUCT PERFORMANCE DUE TO SIGNAL DEGRADATION. MUST BE USED WITH MMCABLE-REG MODEL # 10SI40097, NEWPORT EXPERIENCE/SOLUTIONS		
NPMM30	CUSTOM MOTION ELECTRONICS ITEM, CUSTOM INTERCONNECT CABLE; STANDARD FEATURES: MMCABLE CONSTRUCTION, MATERIALS; SPECIAL FEATURES; 3QM LENGTH; NOTE: INCREASED CABLE LENGTH BEYOND 10M IS NOT RECOMMENDED. USER ASSUMES RESPONSIBILITY FOR LOSS OF PRODUCT PERFORMANCE DUE TO SIGNAL DEGRADATION. MUST BE USED WITH MMCABLE-REG MODEL # 10SI40097, NEWPORT EXPERIENCE/SOLUTIONS		
PREFAB	CABLE AND CONNECTOR DETAILS ARE PROVIDED BY OUTSIDE VENDOR.		
R4010	HIGH VOLTAGE SILICONE LEAD WIRE, UL3239 STYLE, #10 AWG, 40KVDC, 0.360" O.D., ROWE INDUSTRIES CAT. #R800-4010.		SOLDER, LRY-8
RADIONET	TWIN LEAD TV CABLE & RADIO CABLE, CELLULINE 300 OHMS, 0.300"X0.400" O.D., BELDEN CAT.#8275.		SOLDER
RG6	COAXIAL CABLE, 75 OHMS, COPPER CENTER WITH SILVER COATING.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
RG6-QF	COAXIAL CABLE, 75OHMS COPPER CENTER CONDUCTOR, QUAD SHIELDED, EXTRA-FLEXIBLE ANIXTER PN# 1362A		RG-6QS
RG6U-CN	COAXIAL CABLE, 75 OHMS, 18AWG CENTER COPPER CONDUCTOR .40 IN., GAS INJECTED FHDPE, SHIELDED, .274 IN. OD, LSZH JACKET, WEIGHT 42.9LBS/1000FT,UL1685, UL444, FT4 LOADING,ROHS COMPLIANT, NON PLENUM RATED, CMG-LS, MAX PULLING TENSION 69LBS. FOR RG6 CONTROL-NET.		
RG8	COAXIAL CABLE, RG8/U, 50 OHMS, 0.405" O.D., MIL-C-17D, BELDEN CAT. #9251, OR ANDREW CAT. #24153.FOAM DIELECTRIC, OUTER CONDUCTOR IS 100% FOIL, 88% BRAID.		N213, BNC213
RG8A	COAXIAL CABLE, RG8/U, 50 OHMS, DOUBLE SHIELDED, 0.405" O.D., ANDREW CAT. #241543.		N8-A
RG11A	COAXIAL CABLE, RG-11A/U, 0.405" O.D., 75 OHMS, MIL-C-17D, BELDEN CAT. #8261.		N11
RG11TRI	TRIAXIAL CABLE, SIMILAR TO RG-11/U, CELLULAR POLYETHYLENE INSULATION, BLACK JACKET, 0.475" O.D., 75 OHMS, BELDEN CAT. #8233.		N11, N213
RG22	TWINAXIAL CABLE, RG-22A/U, 0.42" O.D., 95 OHMS. SLAC S/N <u>61-329-006-01</u> .		TX22
RG58	COAXIAL CABLE, RG-58C/U, 50 OHMS, 0.195" O.D., MIL-C-17G, BLACK NON-CONTAMINATING PVC JACKET. BELDEN CAT. #8262. <u>61-329-000-07</u> .		BNC58, TNC58
RG58PLEN	COAXIAL CABLE, RG58/U, PLENUM, 50 OHMS, FOIL AND BRAID SHIELDS, 0.165" O.D., BELDEN CAT #89907		9907
RG58R	COAXIAL CABLE, RG58A/U OR RG58C/U, 50 OHMS, MIL-C-17D, 0.195"O.D., RED JACKET, 2.5KV MAX., SLAC S/N <u>61-329-007-01</u> .		SHV58,HV58
RG58TR	COAXIAL CABLE, RG58/U, TRAY RATED, 53.5 OHM, .159" O.D., TEFLON JACKET, ANIXTER/BELDEN #88240.		
RG58TLN	COAXIAL CABLE, 50 OHMS,0.235" O.D., XLPE JACKET, PE DIALECTRIC, NON-HALOGEN, TIMES MICROWAVE SYSTEMS CAT.# LSSB-RG58, PART # 43030 M17/183-00001		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
RG59	COAXIAL CABLE, RG59/U OR RG59B/U, 0.242" O.D., 73 OR 75 OHMS MIL SPEC. MIL-C-17D. SLAC S/N <u>61-329-000-02</u> .		BNC59, F59B FIXED
RG59DS	COAX RG59/U DBL CU BRAID.		
RG59QS	COAXIAL CABLE, HEADEND RG59/U, QUAD SHIELDED, 0.262" O.D., TIMES FIBER COMMUNICATIONS INC.CAT # 4224OV.		F59QS, F59DS
RG59R	COAXIAL CABLE, RG59/U OR RG59B/U, RED JACKET, MIL-C-17D, 75 OHMS, 3.0KV MAX. SLAC S/N <u>61-329-007-02</u> .		SHV59J, SHV59P
RG59TLN	COAXIAL CABLE, 75 OHMS, 0.237" O.D., XLPE JACKET, PE DIALECTRIC, NON-HALOGEN, LIBERTY CABLE CAT. # RG59-SD-HF-WHT		
RG62	COAXIAL CABLE, RG-62/U, 0.242" O.D., 93 OHMS. SLAC S/N <u>61-329-000-13</u> .		BNC62
RG108A	TWINAXIAL CABLE, RG-108A/U, 0.24" O.D., 78 OHMS.		LEMO2P, TX108
RG142B/U	SMA MALE TO TYPE N MALE, 24" IN LENGTH, P/N RG142-SMAN-NM-24 SMA MALE TO SMA MALE, 24" IN LENGTH, P/N RG142-SMAN-SMAN-24. VENDOR:APPLIED SPECIALTIES, (408) 370-2644, CAMPBELL CALIFORNIA.		
RG142SNV	SMA MALE TO TYPE N MALE, 50 OHM, RG142B/U DOUBLE SHIELDED VENDOR PATCH CABLE.SUGGESTED VENDOR-PATERNACK ENTERPRISES. PASTERNAK No'S PE3568FL-12, PE3568FL-24, PE3568FL-36, PE3568FL-48, PE3568FL-60,PE3568FL-72, XX (CUSTOM LENGTH), WHERE THE LAST TWO DIGITS INDICATE STANDARD LENGTHS IN INCHES.		
RG174	COAXIAL CABLE, RG174/U, 0.100" O.D. 50 OHMS, MIL-C-17F, SLAC S/N <u>61-329-000-19</u> .		LEMO
RG174TLN	COAXIAL CABLE, RG174, 0.110" O.D. 50 OHMS, LOW SMOKE ZERO HALOGEN, PART NUMBER: M17/196-00001.		
RG188U	SPECIAL CABLE MADE OF TYPE RG-188U COAX, 50 OHMS. 10 INDIVIDUAL PIECES WITH THE BRAIDED OUTER CONDUCTORS CONNECTED TOGETHER ON EACH END AND BROUGHT OUT ON PIN "L". SLAC S/N 61-329-000-16		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE</u> (See Table 3)
RG213	COAXIAL CABLE, RG-213/U, BLACK OR GREEN JACKET, 0.405" O.D., 50 OHMS, MIL SPEC. MIL-C-17F. SLAC S/N61-329-000-06.		
RG213R	SAME AS RG213 EXCEPT: RED JACKET, NO SLAC S/N, 7.0KV MAX., 0.405" O.D., ORDERED FROM MANCO.		HV213, ILP1, ILP2 MS-HVS, HN213
RG214	COAXIAL CABLE, RG-214/U, 0.425" O.D., 50 OHMS, MIL-SPEC. MIL-C-17F. SLAC S/N61-329-000-10.		N214, HN214 BNC214, HV213, BBJ214, N214JB
RG214TLN	COAXIAL CABLE, 50 OHMS, 0.425" O.D., XLPE JACKET, PE DIALECTRIC, NON-HALOGEN, TIMES MICROWAVE SYSTEMS CAT.# LSSB-RG214 PART # 43038 M17/190-00001		
RG214X4	SPECIAL SET OF 4 EACH RG-214/U COAXIAL CABLES, TIMED, MATCHED, AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE.		N214
RG218R	COAXIAL CABLE, RG-218/U, RED JACKET, 0.87" O.D., 50 OHMS MIL-SPEC. MIL-C-17D.		N218
RG220	COAXIAL CABLE, RG-220/U, 1.12" O.D., 50 OHMS, MIL-SPEC. MIL-C-17D.		HV220
RG223	COAXIAL CABLE, RG-223/U, 0.216" O.D., 50 OHMS, MIL-SPEC. MIL-C-17D.		BNC223, TNC223 N223, SMR223
RG223X4	SPECIAL SET OF 4 EACH RG-223/U COAXIAL CABLES, TIMED, MATCHED, AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE. 0.432" O.D.		SMA223, SMR223 N223
RG223X6	SPECIAL SET OF 6 EACH RG-223/u COAXIAL CABLES TIMED, MATCHED AND LABELED FOR BEAM POSITION MONITORS. TREATED AS A SINGLE CABLE. 1.296" O.D.		SMA223
RS232-10	10 LINE COMPUTER COMMUNICATION CABLE WITH 25 POSITION "D" CONNECTORS ON EACH END. MFR. INMAC		
RWB	A SET OF 3 RADIATION RESISTANT WIRES CONSISTING OF ONE EACH OF THE FOLLOWING: #20AWG-RED, #16AWG-WHT, #18AWG-BLK. XML-125 SERIES, 600V.		
SPECCBL	EMI PART#15-955-010.6 CONDUCTORS.		

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE</u> (See Table 3)
T/C	THERMOCOUPLE, #16 TW SH. MFR: OMEGA#EXPP-K-16.		
THICKNET	ETHERNET COAXIAL CABLE, YELLOW PVC JACKET, CL2 RATED, 0.405" O.D., BELDEN CAT. #9880.		N213
THRM-CU	3 CONDUCTOR, THERMOCOUPLE EXTENSION WIRE, TYPE CU, 26 AWG STRANDED. 0.07" O.D. WIRE INSULATION AND OVERALL JACKET:GLASS BRAID. RED (NEGATIVE) AND BLACK (POSITIVE)MFG: OMEGA. P/N: EXGG-3CU-26S. CABLE TRAY APPLICATION: WHEN ROUTING THIS THEMOCOUPLE WIRE IN A CABLE TRAY, PROTECT THE WIREOR WIRES USING INNERDUCT TUBING, MFG: SUPERFLEX, FLEXIBLE SPLIT TUBING (GRAY - FLAME RETARDANT), ITEM #125-XXXXG.		STRIP
THRM4CU	4 CONDUCTOR, RTD, TYPE CU, 26 AWG STRANDED. 0.07" O.D. WIRE INSULATION AND OVERALL JACKET: GLASS BRAID. RED (NEGATIVE) AND BLACK (POSITIVE) MFG: OMEGA. P/N: EXGG-4CU-26S. CABLE TRAY APPLICATION: WHEN ROUTING THIS THERMOCOUPLE WIRE IN A CABLE TRAY, PROTECT THE WIRE OR WIRES USING INNERDUCT TUBING, MFG: SUPERFLEX, FLEXIBLE SPLIT TUBING (GRAY - FLAME RETARDANT), ITEM #125-XXXXG.		STRIP
TIMES	COAXIAL CABLE, RED JACKET, 7.5KVDC, 26 OHMS, 0.195" O.D., RADIATION ENVIRONMENT RATING 250 MEGARADS, MFR. TIMES MICROWAVE SYSTEMS, P/N AA-7406, CODE IDENTIFICATION #68999. SLAC S/N61-329-007-10.		HV-C, IPVB
TMS8481	COAXIAL CABLE, TIMES MICROWAVE, #8481, .0533 O.D.", 22.5 OHMS, BARE COPPER CTR CONDUCTOR, MIL-C-17.		
TWC-78-1	TWINAX CABLE, 78 OHMS, 0.150" O.D., 8 TWISTS PER FOOT, TROMPETER CAT.#TWC-78-1, CABLE GROUP 29.		155-9, 75-29
TWC-78-2	TWINAX CABLE, 78 OHMS, 0.242" O.D., 4 TWISTS PER FOOT, TROMPETER CAT.#TWC-78-2, CABLE GROUP 9. BLUE JACKET.		75-9
TWC-78FR	TWIN CONDUCTOR 78 OHM, 20AWG, COAXIAL CABLE, LSZH (ZEROHAL) JACKET, 90% MIN. SHIELD, 18.8 PF/FT, .243 O.D., (LONG LEAD TIME: CHEMINAX P/N 7820D0831) P/N: M17-186-00001.		BNC-TWN, 75-9

<u>CABLE TYPE</u>	<u>CABLE DESCRIPTION</u>	<u>See color CODE TABLE</u>	<u>TERM.TYPE (See Table 3)</u>
TWC9207N	TWINAX CABLE, ONE PAIR, #20AWG, STRANDED(7X28), TINNED COPPERCONDUCTOR, POLYETHYLENE INNER JACKET, DUFOIL, ALUMINUM SHIELD 85% TINNED COPPER BRAID, LSNH JACKET, .34" O.D., 300 VOLT, BELDEN CAT# 9207NH .		TX227241
TWC-9272	TWINAX CABLE, ONE PAIR, #20 AWG, TINNED COPPER, 93% SHIELD COVERAGE, .244" O.D., 300 VOLT, BELDEN CAT. # 9272.		42-36
TWC-9860	TWINAX CABLE, ONE PAIR, #16 AWG, BARE COPPER, 100% SHIELD COVERAGE, 124 ohm, .440" O.D., 30 VOLT, BELDEN CAT. #9860		75-46
TYPE-C	COAXIAL CABLE, TYPE-C, 31 OHM, DIA. 0.195" O.D., REYNOLDS INDUSTRIES # 167-2669, PE JACKET, PE DIALECTRIC, COAXIAL HIGH VOLTAGE STORES ID # 088412		HV58, SHV-C, HV58J
UPS-1400	SMART UPS SIGNALLING RS-232 CABLE, APC SMART-UPS, PART NUMBER: SU1400RM2U, AC OVT: 6 ACP		DB9
VARIAN	VARIAN UNARMORED, FLEXIBLE CABLE FOR ION PUMPS. ONE END IS PRE-WIRED WITH A SPECIAL CONNECTOR, IPVA, AND THE OTHER END IS PRE-WIRED WITH AN AMPHENOL CONNECTOR, IPA. 0.4" O.D.		IPA, IPVA
VARIAN-A	VARIAN STAINLESS STEEL, ARMORED, FLEXIBLE CABLE FOR ION PUMPS. ONE END IS PRE-WIRED WITH A SPECIAL CONNECTOR, IPVA. THE OTHER END SHOULD BE PREPARED FOR AN IPL3 TERMINATION. 0.4" O.D.		IPL3, IPVA
VSAM	CONSISTS OF TWO 37C24TEF CABLES. EACH CABLE IS EIGHTEEN PAIRS WITH A DRAIN WIRE, #24AWG TINNED COPPER, FOAM INSULATED, OVERALL BELDFOIL ALUMINUM-POLYESTER SHIELD, 0.484" O.D. BELDEN P/N 88118. FOR NON PLENUM APPLICATIONS USE TWO 18PR22OS CABLES. FOR PIN DETAILS CONTACT P.J. STILES. No DRAWING NUMBER ASSIGNED AT THIS TIME.		
WCC	WATER COOLED CABLE, 1" AL.		
WCC-1	WATER COOLED CABLE, 1/2" COPPER.		
WPMCOAX	COAXIAL CABLE 50OHM MAX. FREQUENCY 7.5GHZ, FOAMED POLYETHYLENE, HALOGEN FREE, 12.9MM O.D., MIN BEND RADIUS 129MM, MAN. P/N HUBER+SUHNER S 10172 B-11 50 OHM, WEIGHT 15 KG/100METERS, TEMP RANGE -40C +85C		N-50UV

Table 3 - Cable Termination Descriptions

TOOLING NOTE: Unless otherwise specified, the tooling specified below is as follows:

- a. Crimp LUG tools are AMP.
- b. MS series and other multi-pin connector tools are BURNDY.
- c. Coaxial cable trim and crimp tools are KINGS.

TERMINAL PLUG CODES:

T (P,C)(A,B...H)xx(A,B,C,D)(A,B,C,D)(N,S,L,D,P)

Terminal Plug Codes Definition:

- _ Power, Control
 - _ (Pitch) A- 2.5MM, B- 3.5, C- 3.81, D- 5.0 E- 5.08, F- 7.5, G- 7.62, H- 10.16
 - _ xx (# of Position)
 - _ (Wire Entry) A- Top, B- Left Side, C- Right Side, D- 45 Degrees
 - _ (Termination Type) A- Screw Top, B- Screw Side, C- Fast Connect, D- Spring Cage
 - _ (Flange) None, Screw, Self Locking, Direct Mounting, Panel Mount
-

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
42-36	TWINAX CONNECTOR, PASTERNAK PE 4236		TWC-9272
75-9	TWINAX CONNECTOR, CABLE PLUG, TROMPETER CAT.#PL75-9 FOR CABLE GROUP 9	VME CRATES	TWC-78-2
75-29	TWINAX CONNECTOR, CABLE PLUG, TROMPETER CAT #PL75-29 FOR CABLE GROUP 29	VME CRATES	TWC-78-1
75-46	TWINAX CONNECTOR TROMPETER TEI-14949, CAT.#PL75-46		TWC-9860
155-29	TWINAX CONNECTOR, CABLE PLUG, TROMPETER CAT #PL155-29, FOR CABLE GROUP 29.		TWC-78-1
972411P	THE CONNECTOR IS FORMERLY, MIL-C-5015 NOW 97 SERIES PART NO. 97-3106A-24-11P AS WELL AS 97-3106A-24-11S 9 CONTACT CONNECTOR 6 #12AWG AND 3 #8AWG WIRES, OLIVE DRAB METAL SHELL.		
972411S	THE CONNECTOR IS FORMERLY, MIL-C-5015 NOW 97 SERIES PART NO. 97-3106A-24-11P AS WELL AS 97-3106A-24-11S 9 CONTACT CONNECTOR 6 #12AWG AND 3 #8AWG WIRES, OLIVE DRAB METAL SHELL.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
9907	COAXIAL CONNECTOR, BNC CABLE PLUG, BNC9907HPC, AMP P/N 2-221128-7 USE AMP CRIMPING TOOL 58433-2 WITH DIE 58436-1.	THINNET	RG58PLEN
3M16S	SIXTEEN PIN CONNECTOR, FEMALE FLAT RIBBON CABLE PLUG, POLARIZING SLOTS, 3M P/N #3452-6600,NEWARK CAT.#46F4657.		
3M20S	TWENTY PIN CONNECTOR, FEMALE FLAT RIBBON CABLE PLUG, POLARIZING SLOTS, 3M P/N#3421-6000 NEWARK CAT.P/N#46F8438.		
3M40S	FORTY PIN CONNECTOR, FEMALE FLAT CABLE PLUG, 3M CAT. #3417-6640, SLAC S/N <u>59-299-165-40</u> .		40C24OS
3M50S	FIFTY PIN CONNECTOR, FEMALE FLAT CABLE PLUG.		
16FERLS	SINGLE INSULATED WIRE FERRULES CONNECTOR, 16AWG MANUFACTURER ABB INC.P/N 30445703.		
16FERLT	TWIN INSULATED WIRE FERRULES CONNECTOR, 16AWG MANUFACTURER ABB INC.P/N 30456305.		
18FERLS	SINGLE INSULATED WIRE FERRULES CONNECTOR, 18AWG MANUFACTURER ABB INC.P/N 30445602.		
18FERLT	TWIN INSULATED WIRE FERRULES CONNECTOR, 18AWG MANUFACTURER ABB INC.P/N 30456103.		
20FERLS	SINGLE INSULATED WIRE FERRULES CONNECTOR, 20AWG MANUFACTURER ABB INC.P/N 30445501.		
20FERLT	TWIN INSULATED WIRE FERRULES CONNECTOR, 20AWG MANUFACTURER ABB INC.P/N 30455911.		
500MCSI	MULTI-CONTACT SOCKET WITH BAYONET LOCKING AND CRIMP SLEEVE, P/N KBT16BV-NS/M50-240. USE CRIMP TOOL ELPRESS P/N V1311C WITH DIE 13CB30. NOTE: CONNECTORS ARE ALL THE SAME. ORDER APPROPRIATE FERREL AND NUT FOR WIRE TYPE AND SIZE OTHER THAN 500TLSNH.		500TLSNH
535MCS	SLEEVE, CRIMP, MULTI-CONTACT P/N H240N/M20, WITH MODIFIED THREADED SOCKET P/N B25N. USE CRIMP TOOL ELPRESS P/N V 1311C WITH 13CB30 DIE SET.SECURE SLEEVE TO SOCKET, TIGHTEN TO 12 FT/LBS OR 52NM. COVER SOCKET/SLEEVE AND 3 1/2" OF CABLE WITH HEAT SHRINK TUBING THOMAS & BETTS P/N HS500-1000. "DO NOT USE WITH NEW INSTALLATIONS".	SPPS CHICANE BEND	

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
AC-BMP	BUSINESS MACHINE PLUG. AC POWER LINE CONNECTOR, 10AMP,250V, APPLIANCE INLET, STRAIGHT ENTRY, SCHURTER, MALE CONNECTOR.	AC SERVICE	
AC-BMS	BUSINESS MACHINE PLUG. AC POWER LINE CONNECTOR,10AMP, 250V, APPLIANCE INLET, STRAIGHT ENTRY, FEMALE CONNECTOR.	AC SERVICE	
ACJBX	120VAC JUNCTION BOX WITH 1 OR 2 ACR CONNECTORS.	AC SERVICE	3C16/3V, 3C16FLX
ACM20P	AC POWER PLUG, 208V, 20 AMPS, 3 PHASE, 4 WIRE. DECONTACTOR (RATED TO BE DISCONNECTED WITH POWER STILL ON IF NECESSARY), LOTO (LOCKOUT TAGOUT SAFETY FEATURE), MFG: MELTRIC CORPORATION, MFG SERIES: DSN20, MFG P/N:63-18163. SEE MELTRIC CATALOGUE FOR OTHER ACCESSORIES.		
ACM60P	AC POWER PLUG, 208V, 60 AMPS, 3 PHASE, 4 WIRE. DECONTACTOR (RATED TO BE DISCONNECTED WITH POWER STILL ON IF NECESSARY), LOTO (LOCKOUT TAGOUT SAFETY FEATURE), MFG: MELTRIC CORPORATION, MFG SERIES: DSN60, MFG P/N:63-68163. SEE MELTRIC CATALOGUE FOR OTHER ACCESSORIES.		
ACP	AC MALE CONNECTOR, 3 WIRE, 15A, PARALLEL UGRD, NEMA 5-15P, HUBBEL 5266C, SLAC P/N <u>58-299-202-07</u> .	AC SERVICE	3C16/3V, 3C16FLX 3C14FLX
ACP20	AC POWER CONNECTOR, 120/208V, 20 AMPS, 4 POLE, 5 WIRE GROUNDING, 3 PHASE Y, NEMA #L21-20R, MFR. HUBBELL, CAT-# 2513 OR EQUIVALENT.		4C8TYR
ACP22	AC POWER PLUG, TWIST-LOCK, 480V, 30 AMPS, 4 POLE, 5 WIRE GROUNDING, 3 PHASE Y, NEMA #L22-30P, MFR. HUBBELL, CAT-# 2821 OR EQUIVALENT.		
ACR	AC FEMALE CONNECTOR, RECEPACLE BODY, 3 WIRE, 20A IT SLOT, HUBBEL 5369C, NEMA 5-20R, SLAC P/N <u>58-299-403-10</u> .	AC SERVICE	3C14FLX, 3C16FLX

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
AMP4P	FOUR PIN CONNECTOR, MALE CIRCULAR PLUG, SHELL SIZE 11-4, AMP CAT. #206429-1, BACK SHELL, AMP CAT. #206062-3. USE THE FOLLOWING PINS AS APPROPRIATE. USE CRIMPING TOOL AMP CAT. #90277-1. 16-18 AWG AMP CAT. #66099-3 20-22 AWG AMP CAT. #66400-3 24-26 AWG AMP CAT. #66107-3		2PR22OS
AMP4S	FOUR PIN CONNECTOR, FEMALE CIRCULAR PLUG, SHELL SIZE 11-4, AMP CAT. #206060-1, BACK SHELL AMP CAT. #206062-3. USE THE FOLLOWING PINS AS APPROPRIATE. USE CRIMPING TOOL AMP CAT. #90277-1. 16-18 AWG AMP CAT. #66101-3 20-22 AWG AMP CAT. #66399-3 24-26 AWG AMP CAT. #66109-3		2PR22OS
AMP8P	EIGHT PIN CONNECTOR, MALE CIRCULAR PLUG, SHELL SIZE 11-8, AMP CAT. #206434-1 BACK SHELL AMP CAT. #206062-3. USE THE FOLLOWING PINS AS APPROPRIATE. USE CRIMPING TOOL AMP CAT #90277-1. 16-18 AWG AMP CAT. #66099-3 20-22 AWG AMP CAT. #66400-3 24-26 AWG AMP CAT. #66107-3		4PR22OS
AMP8S	EIGHT PIN CONNECTOR, FEMALE CIRCULAR PLUG, SHELL SIZE 11-8, AMP CAT. #205838-1 BACK SHELL AMP CAT. #206062-3. USE THE FOLLOWING PINS AS APPROPRIATE. USE CRIMPING TOOL AMP CAT. #90277-1. 16-18 AWG AMP CAT. #66101-3 20-22 AWG AMP CAT. #66399-3 24-26 AWG AMP CAT. #66109-3		4PR22OS
AMP9F	NINE PIN CONNECTOR, SERIES 1 LIGHTWEIGHT FEMALE CIRCULAR PLASTIC CONNECTOR(CPC). AMP CAT#206708-1		4PR24FRP
AMP9S	NINE PIN CONNECTOR, FEMALE CIRCULAR PLUG, SHELL SIZE 11-9, AMP CAT. #206485-1, BACK SHELL AMP CAT. #206062-3. USE THE FOLLOWING PINS AS APPROPRIATE. USE CRIMPING TOOL AMP CAT. #90277-1. 16-18 AWG AMP CAT. #66101-3 20-22 AWG AMP CAT. #66399-3 24-26 AWG AMP CAT. #66109-3	MAGNET MOVERS	9C18J

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
AMP9SA	NINE PIN CONNECTOR, FEMALE CIRCULAR PLUG, SHELL SIZE 13-9, AMP CAT. #206708-1, BACK SHELL AMP CAT. #206966-1. USE THE FOLLOWING PINS AS APPROPRIATE. USE CRIMPING TOOL AMP CAT. #90277-1. 16-18 AWG AMP CAT. #66101-3 20-22 AWG AMP CAT. #66399-3 24-26 AWG AMP CAT. #66109-3		
AMP12P	CONNECTOR, 12 PIN MALE, AMP CAT-# 204740-2 SLAC S/N59-299-162-52. CABLE CLAMP AMP CAT #205083-1.USE CRIMPING TOOL AMP#584-95-1.USE THE FOLLOWING PINS AS APPROPRIATE: #20-24 AWG, #203816-4 (LOOSE), S/N59-299-805-51. #20-24 AWG, #203816-2 (REELED). #26-30 AWG, #203874-4 (LOOSE), S/N59-299-805-52. #26-30 AWG, #203874-2 (REELED).		
AMP14P	FOURTEEN PIN CONNECTOR, MALE, PLASTIC SHELL, AMP CAT #206044-1 WITH CABLE CLAMP KIT AMP CAT. #206070-1. USE CRIMPING TOOL AMP #584-95-1. USE THE FOLLOWING PINS,AS APPROPRIATE #32-30 AWG AMP CAT #201555-1 #28-24 AWG AMP CAT #201334-1 #24-20 AWG AMP CAT #201330-1 #18-16 AWG AMP CAT #202507-1 #14 AWG AMP CAT #201570-1		
AMP14SR	FOURTEEN PIN CONNECTOR, FEMALE, PLASTIC SHELL, AMP CAT #206043-1, CABLE CLAMP KIT AMP CAT #206070-1. USE THE FOLLOWING PINS, AS APPROPRIATE. USE CRIMPING TOOL AMP. #584-95-1. #32-30 AWG AMP CAT #201554-1 #28-24 AWG AMP CAT #201332-1 #24-20 AWG AMP CAT #201328-1 #18-16 AWG AMP CAT #202508-1 #14 AWG AMP CAT #201568-1		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>																																																												
AMP24P	<p>TWENTY-FOUR POSITION RECEPTACLE, MALE, AMP CAT-# 204742-2 SLAC P/N59-299-162-54, WITH CABLE CLAMP #205083-2, S/N59-299-162-94. USE THE FOLLOWING PINS, AS APPROPRIATE: USE CRIMPING TOOL AMP #584-95-1. #20-24 AWG, #203816-4 (LOOSE), S/N59-299-805-51. #20-24 AWG, #203816-2 (REELED), S/N59-299-805-53. #26-30 AWG, #203874-4 (LOOSE), S/N59-299-805-52. #26-30 AWG, #203874-2 (REELED), S/N59-299-805-54.</p> <p>WHEN USED WITH 6PR24IS CABLE FOR MPS TOROIDS, WIRE AS FOLLOWS:</p> <table border="1"> <thead> <tr> <th><u>PAIR#</u></th> <th><u>WIRE#</u></th> <th><u>PIN#</u></th> <th><u>PAIR#</u></th> <th><u>WIRE#</u></th> <th><u>PIN#</u></th> </tr> </thead> <tbody> <tr> <td>1</td> <td>A</td> <td>A1</td> <td>4</td> <td>A</td> <td>A4</td> </tr> <tr> <td>1</td> <td>B</td> <td>B1</td> <td>4</td> <td>B</td> <td>B4</td> </tr> <tr> <td>1</td> <td>SHIELD</td> <td>C1</td> <td>4</td> <td>SHIELD</td> <td>C4</td> </tr> <tr> <td>2</td> <td>A</td> <td>A2</td> <td>5</td> <td>A</td> <td>A5</td> </tr> <tr> <td>2</td> <td>B</td> <td>B2</td> <td>5</td> <td>B</td> <td>B5</td> </tr> <tr> <td>2</td> <td>SHIELD</td> <td>C2</td> <td>5</td> <td>SHIELD</td> <td>C5</td> </tr> <tr> <td>3</td> <td>A</td> <td>A3</td> <td>6</td> <td>A</td> <td>A6</td> </tr> <tr> <td>3</td> <td>B</td> <td>B3</td> <td>6</td> <td>B</td> <td>B6</td> </tr> <tr> <td>3</td> <td>SHIELD</td> <td>C3</td> <td>6</td> <td>SHIELD</td> <td>C6</td> </tr> </tbody> </table>	<u>PAIR#</u>	<u>WIRE#</u>	<u>PIN#</u>	<u>PAIR#</u>	<u>WIRE#</u>	<u>PIN#</u>	1	A	A1	4	A	A4	1	B	B1	4	B	B4	1	SHIELD	C1	4	SHIELD	C4	2	A	A2	5	A	A5	2	B	B2	5	B	B5	2	SHIELD	C2	5	SHIELD	C5	3	A	A3	6	A	A6	3	B	B3	6	B	B6	3	SHIELD	C3	6	SHIELD	C6	MPS TOROIDS	6PR24IS
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AMP36P	<p>THIRTY-SIX POSITION PLUG ASSEMBLY, AMP 204744-2, SLAC STANDARD CAMAC CABLE PLUG, SLAC S/N59-299-162-55, WITH CABLE CLAMP #205083-3, S/N59-299-162-95. USE CRIMPING TOOL AMP #584-95-1. USE THE FOLLOWING PINS, AS APPROPRIATE: #20-24 AWG, #203816-4 (LOOSE), S/N59-299-805-51. #20-24 AWG, #203816-2 (REELED), S/N 59-299-805-53. #26-30 AWG, #203874-4 (LOOSE), S/N59-299-805-52. #26-30 AWG, #203874-2 (REELED), S/N59-299-805-54.</p>		18PR220S, RG58																																																												
AMP37P	<p>THIRTY-SEVEN PIN CONNECTOR, MALE, CPC, AMP CAT. #206305-1 BACK SHELL CABLE CLAMP AMP CAT. #206138-1, #16 AWG, PINS AMP CAT. # 40-102C. USE HAND CRIMPING TOOL AMP CAT. #90067.</p>																																																														
AMP37S	<p>THIRTY-SEVEN PIN CONNECTOR, FEMALE, CPC, AMP CAT. #206150-1 BACK SHELL CABLE CLAMP AMP CAT. #206138-1, #16 AWG, PINS AMP CAT. # 40-103C. USE HAND CRIMPING TOOL AMP CAT. #90067.</p>																																																														

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
AMP48P	<p>FORTY-EIGHT POSITION PLUG ASSEMBLY, AMP 204733-2, SLAC STANDARD CAMAC CABLE PLUG, SLAC S/N59-299-162-06, WITH CABLE CLAMP #205083-4, S/N59-299-162-96. USE CRIMPING TOOL AMP #584-95-1. USE THE FOLLOWING PINS, AS APPROPRIATE:</p> <p>#20-24 AWG, #203816-4 (LOOSE), S/N59-299-805-51. #20-24 AWG, #203816-2 (REELED), S/N59-299-805-53. #26-30 AWG, #203874-4 (LOOSE), S/N59-299-805-52. #26-30 AWG, #203874-2 (REELED), S/N59-299-805-54.</p>		18PR220S, 30PR260S
AMP50P	FIFTY POSITION MALE PLUG ASSEMBLY, SOLDER CONNECTIONS, AMP P/N 229912-1	DISABLE/ALARM	25PR240S
AMP50S	FIFTY POSITION FEMALE PLUG ASSEMBLY, SOLDER CONNECTIONS, AMP P/N 229913-1	DISABLE/ALARM	25PR240S
AMPH2	TWO PIN CONNECTOR, 1 MALE, 1 FEMALE. BNC POLARIZED CONTACTS. AMPHENOL NO. 31-224.		
AMPH4	FOUR PIN CONNECTOR, AMPHENOL NO. 206136-1. USE CRIMPING TOOL, AMP NO. 69710-1. WIRE IN COLOR CODE SEQUENCE. SEE THE WIRE TYPE FOR THE COLOR CODE.		
AMPH7S	SEVEN PIN CONNECTOR, FEMALE, ISI/MDC P/N 992-1002. SEE THE WIRE TYPE FOR THE COLOR CODE. SOLDER CONNECTIONS.		
AMPH8S	EIGHT PIN CONNECTOR, OCTAL TUBE SOCKET AMPHENOL NO. 78-S8, USE AMPHENOL CAP NO. 86-3-24. SEE THE WIRE TYPE FOR THE COLOR CODE. SOLDER CONNECTIONS.		
AMPL2	CABLE PLUG, TWO CONDUCTOR IN LINE, MATE-N-LOCK CONNECTOR, AMP P/N 1-480698-0. USED FOR REPEATER CHASSIS J2.		
BBJ58	<p>COAXIAL CONNECTOR, BNC BULKHEAD JACK. TYCO PART # 1-1337434-0. SEE TYCO DRAWING # C-1337434 (http://www.farnell.com/datasheets/23770.pdf) FOR STRIPPING DIMENSIONS. USE TYCO HAND TOOL 9-1478240-0. USE TYCO DIE SET 9-1478242-0.</p>		RG58

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
BBJ59	COAXIAL CONNECTOR, BNC BULKHEAD JACK, KINGS P/N'S 19-62, KC19-182 OR KC19-89, SLAC S/N59-299-014-66. TRIM CODE 405, USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2002.	SLCNET	RG59DS
BBJ214	COAXIAL CONNECTOR, N BULKHEAD JACK, KINGS P/N KC-19-232, SLAC S/N59-299-014-71. USE TRIM CODE 411, USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2004	PANEL MOUNTS	RG214
BNC58	COAXIAL CONNECTOR, BNC CABLE PLUG, UG-88D/U. KINGS CAT. NO. KC-59-290 OR KC-59-291, SLAC S/N59-299-014-51. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2001 AND TRIM CODE 401.	RF AND FAST SIGNALS	RG58
BNC59	COAXIAL CONNECTOR, BNC CABLE PLUG, UG-260B/U. KINGS CAT. NO. KC-59-293 OR KC-59-294, SLAC S/N59-299-014-52. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2002 AND TRIM CODE 401.	TV	RG59, RG59DS
BNC62	SAME CONNECTOR AS BNC59. SAME TOOLING AND TRIM CODE.	SSC FASTLINK	RG62
BNC174	COAXIAL CONNECTOR, BNC CABLE PLUG, KINGS #KC-59-557-M06 SLAC S/N59-299-014-63, TRIM CODE 406. USE CRIMPING TOOL KTH-1000 WITH SIE KTH-2032.		
BNC213	COAXIAL CONNECTOR, BNC CABLE PLUG. KINGS CAT. NO. KC-59-86, USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2003 AND TRIM CODE 209A.	RF AND FAST SIGNALS	RG213, RG8
BNC214	COAXIAL CONNECTOR, BNC CABLE PLUG. KINGS CAT. NO. KC-59-85, USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2004 AND TRIM CODE 209A	RF AND FAST SIGNALS	RG214
BNC223	COAXIAL CONNECTOR, BNC CABLE PLUG. KINGS CAT. NO. KC-59-80 OR KC-59-162, SLAC S/N. 59-299-014-65. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2001 AND TRIM CODE 401.	RF AND FAST SIGNALS	RG223
BNC240	IT IS BASICALLY A BNC MALE CONNECTOR WHICH ATTACHES TO AN LMR240FR CABLE.THE DESCRIPTION IS COAXIAL CONNECTOR TYPE BNC MALE PLUG. TIMES MICROWAVE,SYSTEMS CATALOG #TIMTC240BM-A CONNECTOR, BNC MALE CRIMP FOR LMR240, LMR240FR.		LMR240, LMR240FR

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
BNCKAP	COAXIAL CONNECTOR, BNC CABLE PLUG FURNISHED WITH KAPTON CABLE TYPE ONLY.		KAPTON
BNC-TWN	TWIN BNC CONNECTOR PLUG, MANUFACTURED BY TYCO ELECTRONICS, (OLD P/N: CAT. 1307191). Use P/N: 5332225.	SOLID STATE SUB-BOOSTER TRIGGERS	TWC-78FR
BP(-ccc)	BANANA PLUG, WITH COLORED PLASTIC INSULATING SHELL. WHERE (-ccc) IS DEFINED, THE SHELL IS TO BE THE INDICATED COLOR. IF UNDEFINED, ANY COLOR MAY USED. SLAC S/N 59-299-698-(nn), WHERE (nn) IS SELECTED FOR THE DESIRED COLOR.		
BP&BJ	BANANA PLUG (MALE) AND BANANA JACK (FEMALE) SLAC P/N 59-299-698-(nn)& SLAC P/N 59-299-699-(nn). WHERE (nn) IS SELECTED FOR THE DESIRED COLOR.		3C16/3V
BP-01	TERMINATION BP ABOVE, WITH (ccc) SELECTED TO MATCH THE WIRE COLOR(S) OF THE INDICATED CABLE.		
BP-02	TERMINATION BP ABOVE, USING THE FOLLOWING COLORS, AND CONNECTED TO THE MATCHING COLORED JACKS ON THE INDICATED CHASSIS. BLACK WIRE WITH A BLUE BANANA PLUG (SLAC S/N 59-299-698-07). WHITE WIRE WITH A BLACK BANANA PLUG (SLAC S/N 59-299-698-05). SHIELD WIRE WITH A GREEN BANANA PLUG (SLAC S/N 59-299-698-06).		2C16OS, 1PR20OS
BPD-01	BANANA PLUG DUAL, BLACK COLORED PLASTIC INSULATING SHELL. SLAC S/N 59-299-701-01. MFG: POMONA. MFG P/N: 1330-0		
BSB	CONNECTOR, BUTT SPLICE, BLUE, INSULATED, FOR #14 TO #16AWG.WIRE, AMP CAT.#320562, SLAC S/N59-294-770-07. USE HAND CRIMPING TOOL AMP #59250.		
BSR	CONNECTOR, BUTT SPLICE, RED, INSULATED, FOR #18 TO #22 AWG. WIRE,AMP CAT.#320559, SLAC S/N59-294-770-04. USE HAND CRIMPING TOOL AMP #59250.		3PR24OS
BSY	CONNECTOR, BUTT SPLICE, YELLOW, INSULATED, FOR #10 TO #12 AWG.WIRE, AMP CAT.#320570, SLAC S/N59-294-770-09. USE HAND CRIMPING TOOL AMP #59239-4R.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
BS1	CONNECTOR, BUTT SPLICE FOR #1 AWG WIRE, UNINSULATED, COPPER, LONG BARREL, BURNDY CAT. #YS1C. USE CRIMPING TOOL BURNDY #MY29-11 WITH DIE BURNDY #U/CRT.		
BS2	CONNECTOR, BUTT SPLICE FOR #2 AWG WIRE, UNINSULATED, COPPER, LONG BARREL. MFG: THOMAS AND BETTS. P/N: 54507 .		
BS2/0	CONNECTOR, BUTT SPLICE FOR 2/0 AWG WIRE, UNINSULATED, COPPER, LONG BARREL, COLOR-KEYED CAT.#54810. USE CRIMPING TOOL "COLOR-KEYED TBM8" WITH DIE "COLOR-KEYED #13462".		
BS35ALC	CONNECTOR, BUTT SPLICE, 350 KCMIL, ALUMINUM TO COPPER, UNINSULATED, CAN BE USED TO SPLICE AL/CU FOR WIRE RANGE OF 2/0-350 KCMIL WHEN USED WITH "VERSA-CRIMP" CRIMPER. MFG: HUBBELL-ANDERSON, MFG P/N: VACS-350. LINK: http://www.hubbell.com.mx/pdfs/anders.pdf PAGE: A-55		
BS4	CONNECTOR, BUTT SPLICE FOR #4 AWG WIRE, UNINSULATED, COPPER, LONG BARREL, BURNDY CAT. #YS4C. USE CRIMPING TOOL BURNDY #MY29-11 WITH DIE BURNDY #U4CRT.		
BS4/0	CONNECTOR, BUTT SPLICE FOR 4/0 AWG WIRE, UNINSULATED, COPPER, LONG BARREL, COLOR-KEYED CAT.#54812. USE CRIMPING TOOL "COLOR-KEYED TBM8" WITH DIE "COLOR-KEYED #13463".		
BS8	CONNECTOR, BUTT SPLICE FOR #8 AWG WIRE, UNINSULATED, COPPER, LONG BARREL. MFG: THOMAS AND BETTS. P/N: 54504 .		
BULLET	BULLET WIRE TERMINATION, SLAC S/N59-294-644-01, BURNDY CAT. #AYH-18-H2. USE HAND CRIMPING TOOL BURNDY #M8ND WITH DIE BURNDY #N18HCT.	SUMP PUMP ALARM	4C180S
BUR20S	CONNECTOR, 20 PIN FEMALE, RECTANGULAR PLUG, BURNDY P/N MS20PM-824S. INCLUDES HOOD, SKIRT AND JACK SCREWS.		
C41SW	COAXIAL CONNECTOR, MALE, PLATED, TYPE N, ANDREWS PN F1PNM-14.		
C41SWS	COAXIAL CONNECTOR, SMA MALE, ANDREWS PN F1PSM.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
CAN4P	FOUR PIN CONNECTOR, MALE, SOLDER TERMINATIONS, CANNON CAT #WK-4-22C.		
CAN4S	FOUR PIN CONNECTOR, FEMALE, SOLDER TERMINATIONS, CANNON CAT #WK-4-21C.		
CAN12S	TWELVE PIN CONNECTOR, FEMALE, SOLDER TERMINATIONS, CANNON CAT #GK1221		RG214
CAN24S	TWENTY-FOUR PIN CONNECTOR, FEMALE, BAYONET SERIES, SOLDER PINS, USE HEAT SHRINK TUBING OVER EVERY OTHER SOLDER POCKET FOR INSULATION. CANNON-ITT CAT. #CA3106F24A-24S.		12C12/3V
CATON13	THIRTEEN PIN CIRCULAR PLUG WITH CABLE CLAMP, CATON PART #3106A-CC18-135.		
CED-30	CARD EDGE CONNECTOR, DOUBLE ROW, 30-POINT FEMALE. CINCH-JONES P/N 250-50-38A-30.		
CIN12S	TWELVE PIN FEMALE CONNECTOR, CINCH P/N 9142, USE HOOD P/N 60332.		
CIN20S	TWENTY PIN FEMALE CONNECTOR, CINCH P/N 9325, USE HOOD P/N 60326.		
CUT	CONNECTOR TYPE UNKNOWN AT THIS TIME, TERMINATION IS BE DONE BY OTHER LATER, PULL CABLE TO ORIGIN/DESTINATION IN LEAVE TWO FEET AT THE EXIT.		
D14S	FOURTEEN PIN FEMALE "D" CONNECTOR AMPHENOL P/N 57-60140 ASSEMBLE WITH CABLE HOUSING (BACK SHELL) AND SPRING LATCH PLATE 17-529		
DAC15P	CONNECTOR, 15 PIN MALE, CANNON "D" SERIES SUBMINIATURE, CANNON CAT.#DAU-15P SLAC P/N59-299-160-01.		3PR24IS
DAY-20	TWENTY POSITION CARD EDGE SPECIAL CONNECTOR, DAYTRONICS PN #60322 WITH DUAL CABLE CLAMPS AND SOLDER TYPE PINS. REFERENCE DRAWING BD-129-691-03	LVDT	3PR24IS, 2PR24IS 4C200S

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
DAY-50	FIFTY POSITION CARD EDGE CONNECTOR ADAPTED BY PC BOARD TO A 17 SCREW CONNECTING STRIP. TOP TO BOTTOM: 1-EXT.COLLECTOR POWER, 2-ISOLATED COMMON,3/17-CH's 0-15. DAYTRONICS PN #XXXXXXX		12PR22OS
DB9MFV	PRE-FABRICATED COMPUTER CABLE D-SUB 9 PIN MALE TO FEMALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLIERS, IE. "FRY'S ELECTRONICS"		
DB9MMV	PRE-FABRICATED COMPUTER CABLE D-SUB 9 PIN MALE TO MALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLIERS, IE. "FRY'S ELECTRONICS"		
DB9P	NINE PIN CONNECTOR, MALE, "D" SUBMINIATURE RECTANGULAR, ITT CANNON CAT. #DEU-9P, SLAC S/N59-299-160-05,HOOD ITT CANNON CAT. #DE24657 SLAC S/N59-299-160-50. LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1		2PR22OS
DB9S	NINE PIN CONNECTOR, FEMALE, "D" SUBMINIATURE RECTANGULAR, ITT CANNON CAT. #DEU-9S. SLAC S/N59-299-160-06, HOOD ITT CANNON CAT. #DE24657, SLAC S/N59-299-160-50. LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1.		5PR28F, 6PR22OS
DB15P	FIFTEEN PIN CONNECTOR, MALE, "D" SUBMINIATURE RECTANGULAR, ITT-CANNON CAT. #DAU15P, SLAC S/N59-299-160-01, HOOD ITT CANNON CAT. #DA24658, SLAC S/N59-299-160-51.LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1.		
DB15S	FIFTEEN PIN CONNECTOR, FEMALE,"D" SUBMINIATURE RECTANGULAR,ITT-CANNON CAT. #DAU15S, SLAC S/N 59-299-160-02, HOOD ITT-CANNON CAT.#DA24658. SLAC S/N59-299-160-51.LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1.		8PR28F
DB15S-HD	DB15 HIGH DENSITY SOCKET - THE 15-PIN CONNECTOR WILL HAVE 3 ROWS OF 5 SOCKETS.CONNECTOR IS TYPICALLY FOUND FOR VIDEO CABLE TO COMPUTER MONITORS. MFG:STARTECH COMPUTER PRODUCTS, MFG P/N: C15HPSF		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
DB25MFV	PRE-FABRICATED COMPUTER CABLE D-SUB 25 PIN MALE TO FEMALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLIERS, IE. "FRY'S ELECTRONICS"		
DB25MMV	PRE-FABRICATED COMPUTER CABLE D-SUB 25 PIN MALE TO MALE WITH MOLDED PLUG ENDS. WIDELY AVAILABLE FROM COMPUTER RETAILERS AND PART SUPPLIERS, IE. "FRY'S ELECTRONICS"		
DB25P	TWENTY-FIVE PIN CONNECTOR, MALE, "D" SUBMINIATURE RECTANGLE, ITT-CANNON CAT. #DBC-25P, SLAC S/N59-299-160-03, HOOD ITT-CANNON CAT. DB24659, SLAC S/N59-299-160-52. LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1.		26C240S
DB25S	TWENTY-FIVE PIN CONNECTOR, FEMALE, "D" SUBMINIATURE RECTANGLE, ITT-CANNON CAT. #DBU-25S, SLAC S/N59-299-160-04, HOOD ITT-CANNON CAT. #DB24659, SLAC S/N59-299-160-52. LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1. FOR 18-22AWG WIRE, USE THE FOLLOWING DIGIKEY SOCKETS: A31900TR-ND		26C240S
DB37P	THIRTY SEVEN PIN CONNECTOR MALE "D" SUBMINIATURE RECTANGLE.		
DB37S	THIRTY SEVEN PIN CONNECTOR FEMALE "D" SUBMINIATURE RECTANGLE.		
DB50	50 PIN AMPLITE HDP-20 (DB50) SHIELDING HARDWARE ENCLOSER KIT AMP PART NUMBER 747959-1 (1 REQUIRED) HDP-20 SERIES STEPPED FERRULE (0.375 TO 0.432 DIA CABLE OD) AMP PART NUMBER 747580-4 (1 REQUIRED) PIN CONTACT - 24 TO 28 AWG - 30 MICRON GOLD FINISH AMP PART NUMBER 66505-9 (50 REQUIRED)		
DB52P	FIFTY-TWO PIN CONNECTOR, MALE, "D" SUBMINIATURE RECTANGULAR, ITT-CANNON, CAT. #2DB52P, SLAC S/N59-299-160-07. HOOD ITT-CANNON CAT. #DD24661. LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1.		18PR220S
DB52S	FIFTY-TWO PIN CONNECTOR, FEMALE, "D" SUBMINIATURE RECTANGULAR, ITT-CANNON CAT. #2DB52S, SLAC S/N59-299-160-08, HOOD ITT-CANNON CAT. #DD24661. LOCK DEVICES S/N59-299-160-74. USE CRIMPING TOOL AMP #584-95-1.		18PR220S

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
DD50S	FIFTY PIN CONNECTOR, FEMALE, SOLDER TERMINATIONS, COMMERCIAL "D" SUBMINIATURE. THIS CONNECTOR CONSISTS OF THE FOLLOWING PARTS: CONNECTOR - ITT CANNON P/N DD50S SHELL - ITT CANNON P/N DD24661 SCREW LOCK - ITT CANNON P/N D20420		
DIN3	THREE PIN CONNECTOR, SPECIAL APPLICATION FOR PRESSURE TRANSDUCER AND SOLENOID VALVE, DIN 43650/ISO 4400. OMEGA P/N CX5302.		
DIN6P	SIX PIN CONNECTOR, MALE, DIN PLUG. SPECIAL APPLICATION FOR LAKESHORE TEMPERATURE CONTROLLER MODEL 340. SUPPLIER: LAKESHORE, 575 MCCORKLE BLVD, WESTERVILLE, OH 43082, (614)891-2244. P/N: 106-233		
DIN96P	NINETY-SIX PIN CONNECTOR, MALE, 3X32 DIN CONNECTOR, HARTING ELECTRONICS BRAND. P/N#09-03-096-3214 SHELL HOUSING: 09-03-96-0501. CABLE INSERTS: 09-02-000-9911. LOCKING LEVERS: 09-02-000-9902 (L), 09-02-000-9903 (R)	VSAM	
DISHI	THIS IS A BURNDY MINILOCK PIN THAT IS NO LONGER AVAILABLE. IT IS NOT RECOMMENDED TO MAKE ANY TERMINATIONS TO THE AREA CALLED "DISHI" AS IT IS VERY UNRELIABLE.		
D37FLT	THIRTY SEVEN PIN CONNECTOR, D-SUBMINIATURE FOR FLAT CABLE. AMPHENOL CAT. #841-17DCFR-B37P.		
D37P	THIRTY SEVEN PIN CONNECTOR, MALE, "D" AMP #17-20370-1 ASSEMBLE WITH CABLE HOUSING (BACK SHELL) 17-313-01, AND SPRING LATCH PLATE 17-259. USE CRIMP PIN 17-766-02, AND INSTALL USING CRIMP TOOL 357-100 WITH PIN LOCATOR BUSHING 357-300-2.		
D37S	THIRTY SEVEN PIN CONNECTOR, FEMALE, "D" AMP #17-10370-1 ASSEMBLE WITH CABLE HOUSING (BACK SHELL) 17-313-01, AND SPRING LATCH PLATE 17-529. USE CRIMP PIN 17-763-02, AND INSTALL USING CRIMP TOOL 357-100 WITH PIN LOCATOR BUSHING 357-300-2.	SLC SLITS	12C16/3V
D50FLT	FIFTY PIN CONNECTOR, D-SUBMINIATURE FOR FLAT CABLE. SLAC S/N59-299-165-50.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
D50F	A THREE PART CONNECTOR CONSISTING OF: CONNECTOR RECEPTACLE, JUNCTION SHELL AND SCREW LOCK ASSEMBLY. THESE ARE LBL STOCK ITEMS. THE RESPECTIVE PART NAMES AND STOCK NUMBERS ARE: CONNECTOR - AMPHENOL PN #17-10500-1 LBL #5935-34166 SHELL - ITT CANNON PN #DD24661 LBL #5935-57869 SCREW LOCK - ITT CANNON PN #D20419-12 LBL #5935-67234		12C16/3V
F59B	COAXIAL CONNECTOR, TYPE F CABLE PLUG, NEWARK P/N 32N1129, TYPE CP5F9-1/8. NOTE THAT THE COAX SOLID CENTER CONDUCTOR IS THE MALE PIN. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2002 AND TRIM CODE 401.		RG59
F59QS	COAXIAL CONNECTOR, TYPE "F" CABLE PLUG, SIGNAL VISION.CAT. #QF59-RNS-QD. NOTE THAT THE COAXIAL SOLID CENTER. CONDUCTOR IS THE MALE PIN. USE THE FOLLOWING TOOLS TO ASSEMBLE CONNECTOR: 1. STRIPPING TOOL SIGNAL VISION CAT. #QF-ST 2. QF COMPRESSION TOOL SIGNAL VISION CAT. #QF-CT 3. INSERTION TOOL RILEY CO. CAT. #ITF-59,6,11	SLCNET AND FFNET TAPS	RG59QS
FIOP-ST	FIBER OPTIC CONNECTOR. TYPE 'ST' LIGHTGUIDE CONNECTOR, CERAMIC TIP, BAYONET-TYPE TWIST LOCK MFG AT&T. P/N P2020C-C-125, COMCODE 105 143 911.		FIOPMM12, 24, 48, 52
FIXED	THE CABLE IS FIXED TO, AND AN INTEGRAL PART OF A UNIT OR DEVICE. THE CABLE IS NOT INTENDED TO BE FIELD REPAIRED OR REPLACED.	SLC FF TRIPLET TEMP.MON.SYS.	RG59
FLAG-1	TERMINAL, SLAC MANUFACTURED, 6061 ALUMINUM, 1 HOLE CABLE FLAG WATER COOLED.		1"WCAL
FLAG-2	TERMINAL, SLAC MANUFACTURED, 6061 ALUMINUM, 2 HOLE CABLE FLAG WATER COOLED. 1"WCAL		
F1/2RP	COAXIAL CONNECTOR, "F" FEMALE, FOR SEMI-RIGID JT-4500 SERIES COAXIAL CABLE. GILBERT PART NO. GRS-500-BAFF-DU-03. SEE THE GILBERT CATALOG FOR TRIM AND ASSEMBLY INSTRUCTIONS.		1/2" RD, 3PR24IS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
FO-SPL	FIBER OPTIC ROTARY MECHANICAL SPLICE. THIS SPLICING REQUIRES A 1040AB TOOL KIT, A D181617 CONSUMABLES KIT, AT-8995 INDEX MATCHING GEL AND REAGENT GRADE ALCOHOL. THE SPLICE IS STORED IN A UC-SS/M1 ORGANIZER AND IN A MECHANICAL TRAY. TERMINATION IS TO BE PERFORMED BY TRAINED AND AUTHORIZED PERSONNEL ONLY.		FIOPM12, FIOPM24, FIOPM48, FIOPM52
FUSION	FUSION SPLICING OF FIBER OPTIC CABLE ENDS. SPLICES WILL BE CONTAINED IN A HEAT SHRINK SLEEVE WITH A SMALL METAL ROD FOR STRENGTH. SPLICES MAY BE FURTHER PLACED IN TRAY FOR ADDITIONAL PROTECTION AND FIBER MANAGEMENT.		
GH-4M	FOUR PIN CONNECTOR, MALE. THIS CONNECTOR IS SUPPLIED WITH THE COLD CATHODE MODULE FROM MKS INSTRUMENTS INC.	VACG	
GP-20S	TWENTY PIN CONNECTOR, FEMALE. THIS CONNECTOR IS SUPPLIED BY GRANVILLE-PHILLIPS WHEN A MODEL 350 ION GAUGE CONTROLLER IS ORDERED.		
GP-CON	USE CED-30 CONNECTOR. WIRE AS SHOWN BELOW, USING THE INDICATED CABLE COLOR-CODE FOR SEQUENCE. NINE PINS ARE CONNECTED AS INDICATED. OTHER PINS AND/OR WIRES ARE NOT CONNECTED. CED-30 <u>PIN # PAIR # WIRE #</u> 01 05 07 08 09 10 11 13 14		9C18J
GP-GAU	SPECIAL PREWIRED 6-PIN (IG-CP6) AND BNC CONNECTORS FOR CONNECTION OF AN ION-GAUGE TO A GRANVILLE-PHILLIPS SERIES 270 ION-GAUGE CONTROLLER.		IG-CABLE
HALPRB1	CONNECTOR, 40 PIN, MPT-132-30S (01391083), GROUP 3 TECH., AUCKLAND, NEW ZEALAND.		
HALPRB2	CONNECTOR, 40 PIN, MPT-132-30S (01391084), GROUP 3 TECH., AUCKLAND, NEW ZEALAND.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
HALPRB3	CONNECTOR, 40 PIN, MPT-132-15M (01391054), GROUP 3 TECH., AUCKLAND, NEW ZEALAND.		
HN213	COAXIAL CONNECTOR, TYPE HN CABLE PLUG, KINGS CAT. #KH-59-19, 50 OHM, SLAC P/N59-299-020-54., 5KV, HV RATING. USE CRIMPING TOOL KTH-1000 WITH DIE KTH-2003 AND TRIM CODE 402.		RG213R
HN214	COAXIAL CONNECTOR, TYPE HN CABLE PLUG, KINGS CAT-# KH-59-21, SLAC P/N59-299-020-55, 5KV, HV RATING. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH 2004 AND TRIM CODE 402M.		RG214
HN214M	COAXIAL CONNECTOR, TYPE HN CABLE PLUG. KINGS CAT. NO. KN-59-21, MODIFIED TO SPECIFICATIONS AS SHOWN ON DRAWING # CA-344-296-00. CONNECTOR TERMINATES A TMS8481 COAXIAL CABLE. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2004 SEE DRAWING # CA-344-296-00 FOR CABLE TRIM CODE.	INJ. KICKER MODULATOR	
HPJ	SIX PIN CONNECTOR, FEMALE, HP SPECIAL. PRE-WIRED ONTO ONE END OF AN HP POWER METER CABLE.	RF POWER METER	HP-CORD
HPP	SIX PIN CONNECTOR, MALE, HP SPECIAL. PRE-WIRED ONTO ONE END OF AN HP POWER METER CABLE.	RF POWER METER	HP-CORD
HR13P	THIRTEEN PIN MALE RECEPTACLE, HIGH RADIATION, CERAMIC INSULATED, BEAM SWITCHYARD REMOTE OPERABLE DISCONNECT, SLAC BUILT. REFERENCE SLAC 887-006 DRAWING PACKAGE AND WD-233-702-00.	ARC PPS (STOPPERS)	
HR13S	THIRTEEN PIN FEMALE RECEPTACLE, HIGH RADIATION, CERAMIC INSULATED, BEAM SWITCHYARD REMOTE OPERABLE DISCONNECT, SLAC BUILT. REFERENCE SLAC 887-006 DRAWING PACKAGE AND WD-233-702-00.	ARC PPS (STOPPERS)	4PR16TC
HRS4	FOUR PIN CONNECTOR, FEMALE, PLASTIC, SUB-MINIATURE, MFR HRS (JAPAN) P/N DF13-45-1.25C.		
HV-C	COAXIAL CONNECTOR, 10KV HV CABLE PLUG. REYNOLDS CAT. NO. 167-3554.	ION CHAMBERS SSRL ION PUMPS	TYPE-C
HV-CBJ	COAXIAL CONNECTOR, 10KV BULKHEAD JACK, KINGS CAT.#1062-2.USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2001 AND TRIM CODE 484.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
HVW213	COAXIAL CONNECTOR, 10KV CABLE PLUG. W.W. FISCHER CAT. #S105A108/10.7	VACP SYS	RG213R
HVWTIME	COAXIAL CONNECTOR, 10KV CABLE PLUG. W.W. FISCHER CAT.#S105A108/5.2.	VACP SYS	TIMES, TYPE-C RG58R
HV58	COAXIAL CONNECTOR, 10KV HV CABLE PLUG, KINGS CAT. #1065-2, SLAC S/N59-299-034-01. USE CRIMPING TOOL KTH-1000 WITH DIE KTH2001 AND TRIM CODE 419.		RG58R, TYPE-C
HV58J	COAXIAL CONNECTOR, 10KV HV CABLE JACK, KINGS CAT. #1062-2, USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2001 AND TRIM CODE 419 AND HEAT GUN.		TYPE-C
HV213	COAXIAL CONNECTOR, 20KV HV CABLE PLUG. KINGS CAT. NO. 1765-1 OR REYNOLDS CAT. NO. 167-3516, S/N. 59-299-033-01. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-1078 OR -2078 AND TRIM CODE 475 OR DIE KTH-2003 AND TRIM CODE REY2, RESPECTIVELY.	ION PUMP POWER SUPPLY END	RG213R
HV214	USE HV213 CONNECTOR, WITH A LARGER FERRULE (SLEEVE) FOR RG214, KINGS P/N #S89-24-2, SLAC S/N59-299-009-06. INSTALL A 6" PIECE OF RED SHRINK TUBING AT EACH END OF CABLE 3" FROM THE CONNECTOR. USE CRIMPING TOOL KTH-1000 WITH DIE KTH-1079 AND TRIM CODE 475.	PLIC SYSTEM	RG214
HV220	SPECIAL SLAC HV CONNECTOR AND CONNECTIONS. SEE CABLE INSTALLATION GROUP OR SLAC ELECTRONICS GROUP FOR DETAILS. HV CONNECTOR, ISOLATION DESIGN INC. MODEL D-103-SL.	KLYSTRON HV	RG220, HVSPEC1
IG20	TWENTY PIN CONNECTOR, FEMALE, POSITRONIC IND. P/N GM20FSCDOJUL-734.0. THIS CONNECTOR IS SUPPLIED BY THE MFR. WHEN ORDERING A GRANVILLE-PHILLIPS IONIZATION GAUGE CONTROLLER MODEL 330		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
IG21	FOUR PIN CONNECTOR, FEMALE PINS, CANNON CAT. NO. SK-U4-21C-1/2. ION GAUGE WIRE AS FOLLOWS: BLK #14 AWG UNSHIELDED WIRE TO PIN #1 RED #14 AWG UNSHIELDED WIRE TO PIN #2 BLK #16 AWG SHIELDED WIRE TO PIN #3 CLEAR #16 AWG SHIELDED WIRE TO PIN #4(COAX CENTER PIN) THE TWO SHIELDS ARE TO BE CONNECTED TOGETHER AND TO THE PIN #4 COAXIAL SLEEVE. THE SHIELDS MUST NOT TOUCH THE CONNECTOR SHELL.THE COAXIAL PIN IS PART OF A SPECIAL ELECTROMETER CIRCUIT, AND <u>MUST BE KEPT EXTREMELY CLEAN</u> REFER TO DWG. CA-208-102-01-R0	ION-GAU ARC BOX	
IG22	FOUR PIN CONNECTOR, MALE PINS, CANNON CAT. NO. RSK-U4-22C-1/2. WIRE ION THE SAME AS IG21.	ION GAUGE I&C RACKS	ION-GAU
IG23	A "Y" CABLE ASSEMBLY TERMINATING IN TWO CONNECTORS WITH 12" LEAD LENGTHS. THE MULTI-CONDUCTOR CABLE IS A BURNDY TT12S AND THE COAX A BNC58. USE SHRINK-TUBE AT BASE OF "Y".SEE CONNECTORS FOR PART NUMBERS.	SSRL ION GAUGES	ION-GAU3
IG24	A "Y" CABLE ASSEMBLY TERMINATING IN TWO CONNECTORS WITH 12" LEAD LENGTHS. THE MULTI-CONDUCTOR CABLE IS A BURNDY TT12P AND THE COAX A BNC58. USE SHRINK-TUBE AT BASE OF "Y". SEE CONNECTORS FOR PART NUMBERS.	SSRL ION GAUGES	ION-GAU3
IG-CP6	SIX PIN MALE CABLE PLUG, AMPHENOL CAT-# 86-CP6.		IG-CABLE
IG-RS4	FOUR PIN FEMALE RECEPTACLE, CHASSIS MOUNT, AMPHENOL CAT. #78-RS4 2	VACG (HOT FIL)	ION-GAU2
IPA	AMPHENOL HV CONNECTOR, 97-5106A-18-420S. PRE-WIRED ONTO ONE END OF THE VARIAN HV CABLE FOR ION PUMPS.	KLY ION PUMP	VARIAN
IPL1	COAXIAL CABLE TERMINATION FOR H.V. BOX. SEE DWG. AD-208-911-00-RO FOR DETAILS.	DISTRIBUTED ION PUMP JUNCTION BOX	RG213R

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
IPL2	COAXIAL CABLE TERMINATION FOR H.V. BOX. SEE DWG. IC7, DETAIL 7. 1 RING LUG, AMP NO. 33457 OR EQ. (SLAC S/N59-294-744-51), 1 RING LUG, AMP NO. 31902 OR EQ. (SLAC S/N59-294-711-41), AND 1 BUTT CONNECTOR, AMP 320562 OR EQ. (SLAC S/N59-294-770-07).	HOLDING ION PUMP JUNCTION BOX	RG213R
IPL3	VARIAN PREFABRICATED ARMORED CABLE TERMINATION FOR H.V. BOX. SEE DWG IC7, DETAIL 6, AND INSTALL RING LUG WITHOUT SHORTENING INSULATED INNER WIRE.	HOLDING ION PUMP JUNCTION BOX	VARIAN A
IPVA	VARIAN SHIELDED "BANANA PLUG" CONNECTOR FOR VAC ION PUMPS, PRE-WIRED ONTO ONE END OF THE VARIAN HV CABLE FOR ION PUMPS.	HOLDING ION PUMP	VARIAN,VARIAN A
IPVA25	VARIAN HV ION PUMP CONNECTOR, MODEL 03642700A FOR VAC ION PUMP #25 CONNECTOR MUST BE ASSEMBLED ONTO HV COAX.	VARIAN HOLDING ION PUMP #25	TIMES
IPVB	DUNAWAY STOCK ROOM CORP. TYPE C-100 CONNECTOR FOR VARIAN HOLDING ION PUMPS.	VARIAN HOLDING ION PUMP	RG213
IPVC	ION-PUMP CONNECTOR, DESY-TYPE.(XXKV RATED) MODEL #SR03648982 VARIAN INC. (EXCLUSIVE US. DISTRIBUTION)STRAIN RELIEF (FOR TYPE-C & RG58R). 195 O.D.REF: CABLE STRAIN RELIEF SSRL DWG # PF-441-167-40 C0		
IPVR	HIGH-VOLTAGE FEED-THRU, DESY-TYPE (XXKV RATED) DESY FEED-THRU ON MINI-CON FLAT MODEL #SR0364720		
IPS100X	VARIAN HV ION PUMP CONNECTOR, FOR VAC ION PUMP # S100X CONNECTOR MUST BE ASSEMBLED ONTO HV COAX. DUNIWAY,PART # S-100-X.	HV ION PUMP	TIMES, TYPE-C
JAE3P	THREE PIN CONNECTOR, MALE PLUG, MFR JAEGER, DESIGNATOR #FMR G1024, REFERENCE # 532653. CONNECTOR IS SUPPLIED BY THE ORSAY FACILITY.		
JAE3S	THREE PIN CONNECTOR, FEMALE PLUG, MFR JAEGER, DESIGNATOR #FFR J0086, REFERENCE # 532003. CONNECTOR IS SUPPLIED BY THE ORSAY FACILITY.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
JAE4P	FOUR PIN CONNECTOR, MALE PLUG, MFR JAEGER, DESIGNATOR #FMR G1003, REFERENCE # 532654. CONNECTOR IS SUPPLIED BY THE ORSAY FACILITY.		
JAE12P	TWELVE PIN CONNECTOR, MALE PLUG, MFR JAEGER, DESIGNATOR #E6 FMR, REFERENCE # 532662. CONNECTOR IS SUPPLIED BY THE ORSAY FACILITY.		
KST6	CABLE PLUG, SINGLE CONDUCTOR, GERMAN MANUFACTURER, CONTACT P/N 15-0002-COLOR USED FOR FAST SHUDDER PULSE CURRENT.		#6
LB01-4	LUG, CRIMP, 1/4" BOLT-HOLE FOR #1/0 AWG WIRE, COPPER LONG BARREL, UNINSULATED, SQUARE-D CAT. #VHCL-1/0-14. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1/0
LB01-5	LUG, CRIMP, 5/16-INCH BOLT-HOLE FOR COPPER #1/0 AWG WIRE, WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N #VHCL 1/0-516. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1/0
LB01-6	LUG, CRIMP, 3/8-INCH BOLT-HOLE FOR COPPER #1/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N #VHCL 1/0-38. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1/0
LB01-6S	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL. FOR COPPER #1/0 AWG WIRE OR #1/0 FLEX CABLE. USE MFG T&B P/N 54109 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		1/0TLSNH
LB01-6SR	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL, RIGHT ANGLE. FOR COPPER #1/0 AWG WIRE OR #1/0 FLEX CABLE. USE MFG T&B P/N 54109UB OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		1/0TLSNH
LB01-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE FOR COPPER #1/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N #VHCL 1/0-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1/0
LB01-8F	LUG, CRIMP, 1/2-INCH BOLT-HOLE FOR COPPER #1/0 AWG FLEX CABLE, LONG BARREL. MFG: T&B, P/N: 54950BE OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		1/0TLSNH
LB019-6	LUG, CRIMP, 3/8 INCH BOLT HOLE, UNINSULATED, LONG BARREL FOR AL/CU 1/0 CABLE. THOMAS AND BETTS P/N 60130. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1WELD, #1/0

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB01D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS. FOR COPPER #1/0 AWG WIRE, LONG BARREL, UNINSULATED, AMP CAT. #53680-2 USE SLAC-APPROVED CRIMP TOOLING ONLY.		#1/0
LB02-6	LUG, CRIMP, 3/8-INCH BOLT-HOLE FOR COPPER #2/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N #VHCL 2/0-38. USE SLAC APPROVED CRIMP TOOLING ONLY.		#2/0
LB02-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE FOR COPPER #2/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N #VHCL 2/0-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		#2/0
LB02D6	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 3/8 DIA ON 1" CENTERS. LONG BARREL, UNINSULATED, FOR COPPER #2/0 AWG WIRE. SQUARE D P/N #VHCL-2/0-38B.		#2/0
LB02D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, FOR COPPER #2/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL- 2/0-12BN USE SLAC APPROVED CRIMP TOOLING ONLY.		#2/0
LB03-6	LUG, CRIMP, 3/8-INCH BOLT-HOLE, FOR COPPER #3/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-3/0-38.USE SLAC APPROVED CRIMP TOOLING ONLY.		#3/0
LB03-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, FOR COPPER #3/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-3/0-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		#3/0
LB039-6	LUG,CRIMP, 90 DEGREE, 3/8 INCH BOLT HOLE, UNINSULATED, LONG BARREL FOR AL/CU 3/0 CABLE. THOMAS AND BETTS P/N 60142UB. USE SLAC APPROVED CRIMP TOOLING ONLY.		2/0WELD, #3/0
LB049-3	CONNECTOR TERMINAL YELLOW 90 DEGREE STANDARD BARREL #4/0 AWG. 1 HOLE LUG 3/8 INCH BOLT SIZE. ALPHA EQUIPMENT COMPANY. PART# 58163UB. MANUFACTURER: THOMAS & BETTS.		4/0FLX, 4/0TLSNH
LB03D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, FOR COPPER #3/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL- 3/0-12BN. USE SLAC APPROVED CRIMP TOOLING ONLY.		#3/0
LB04-6	LUG, CRIMP, 3/8-INCH BOLT-HOLE, FOR COPPER #4/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-4/0-38. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4/0

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB04-6FL	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, LONG BARREL. FOR COPPER #4/0 AWG FLEX CABLE. USE MFG T&B P/N: 54913BE06 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		4/0TLSNH
LB04-6S	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL. FOR COPPER #4/0 AWG FLEX CABLE. USE MFG T&B P/N 54174 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		4/0TLSNH
LB04-6SR	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL, RIGHT ANGLE. FOR COPPER #4/0 AWG FLEX CABLE. USE MFG T&B P/N 54174UB OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		4/0TLSNH
LB04-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE FOR COPPER #4/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-4/0-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4/0
LB04D6	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 3/8 DIA ON 1" CENTERS. FOR COPPER #4/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE D P/N VHCL-4/0-38B. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4/0
LB04D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, FOR COPPER #4/0 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-4/0-12BN. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4/0
LB04D8F	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, LONG BARREL. FOR COPPER #4/0 AWG FLEX CABLE. MFG: T&B, P.N: 54868BE. USE SLAC APPROVED CRIMP TOOLING ONLY.		4/0TLSNH
LB1-4	LUG, CRIMP, 1/4-INCH BOLT HOLE, STANDARD BARREL. FOR COPPER #1 AWG WIRE. MFG: T&B, P/N: 54108 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY		
LB1-5	LUG, CRIMP, 5/16-INCH BOLT-HOLE, FOR COPPER #1 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-1-516. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1
LB1-6	LUG, CRIMP, 3/8-INCH BOLT HOLE, FOR COPPER #1 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D VHCL-1-38. USE SLAC APPROVED CRIMPING TOOL ONLY.		#1

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB1-8	LUG, CRIMP, 1/2-INCH BOLT HOLE, FOR COPPER #1 AWG WIRE, STANDARD BARREL, UNINSULATED, MFG: THOMAS & BETTS, COLOR-KEYED, P/N: 54150 . USE SLAC APPROVED CRIMPING TOOL ONLY.		#1
LB1D6	LUG, CRIMP, DOUBLE BOLT HOLE, 2X3/8 DIAMETER ON 1.00" CENTERS, FOR COPPER #1 AWG WIRE, LONG BARREL, UNINSULATED, BURNDY P/N YA1C-2TC38. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1
LB1D8	LUG, CRIMP, DOUBLE BOLT HOLE, 2X1/2 DIAMETER ON 1.75" CENTERS, FOR COPPER #1 AWG WIRE, LONG BARREL UNINSULATED, BURNDY P/N YA1C-2N. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1
LB2SS	LUG, ONE BOLT HOLE, SET SCREW TYPE, FOR #2 TO #4AWG		2/0, 4/0
LB2-4	LUG, CRIMP, 1/4-INCH BOLT-HOLE, FOR COPPER #2 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-2-14. USE SLAC APPROVED CRIMP TOOLING ONLY.		#2
LB2-5	LUG, CRIMP, 5/16-INCH BOLT-HOLES FOR COPPER #2 AWG, WIRE, LONG BARREL, UNINSULATED. MFG:T&B, P/N:54942BE OR EQUIVALENT. (SQUARE-D P/N VHCL-2-516- OBSOLETE). USE SLAC APPROVED CRIMP TOOLING ONLY.		#2
LB2-6	LUG, CRIMP, 3/8-INCH BOLT-HOLE, FOR COPPER #2 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-2-38. USE SLAC APPROVED CRIMP TOOLING ONLY.		#2
LB2-6S	COPPER ONE-HOLE LUG - STRAIGHT STANDARD BARREL MAX 35KV, #2 AWG WIRE, 3/8" BOLT MTG SIZE, TIN PLATED WITH INSPECTION HOLE, T&B CATALOG NUMBER: 54143-TB.		2C2TLSNH
LB2D6	COPPER TWO-HOLE LUG - STRAIGHT LONG BARREL MAX 35KV, #2 AWG WIRE, 3/8" BOLT MTG SIZE, 1 3/4" HOLE SPACING, TIN PLATED BLIND END, BROWN 33 T&B CATALOG NUMBER: 54810BE.		2C2TLSNH
LB2D8	DESCRIPTION: COPPER TWO-HOLE LUG - STRAIGHT LONG BARREL MAX 35KV, #2 AWG WIRE, 1/2" BOLT MTG SIZE, 1 3/4" HOLE SPACING, TIN PLATED BLIND END, BROWN 33 T&B CATALOG NUMBER: 54811BE		2C2TLSNH 2C2LSNH
LB25FX6	LUG, CRIMP, 3/8-INCH BOLT HOLE, UNINSULATED, STANDARD BARREL, FOR COPPER 262 FLEX DLO CABLE. MFG: BURNDY. P/N: YA31LTC38FX .		262FLX

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB3/0	LUG, 3/8-INCH COPPER ONE-HOLE FOR #3/0 AWG or 2/0 FLEX WIRE. STRAIGHT STANDARD BARREL - MAX 35KV. TIN PLATED WITH INSPECTION HOLE. ORANGE 50. THOMAS&BETTS CATALOG #54111.		2/0TLSNH
LB3D8	LUG, CRIMP, DOUBLE BOLT HOLE, 2 X 1/2IN DIAMETER ON 1-3/4" CENTERS, LONG BARREL, UNINSULATED, FOR COPPER 3/0 AWG WIRE, THOMAS&BETTS P/N 54864BE.		2/0TLSNH, 3/0AWG
LB4/0	LUG, CRIMP, 3/8 DIAMETER, STANDARD BARREL, UNINSULATED, FOR COPPER 4/0 AWG FLEX WIRE, THOMAS&BETTS P/N 58163.		4/0TLSNH
LB4-3	LUG, 1/4-INCH, COPPER ONE-HOLE, FOR #4 AWG WIRE. STRAIGHT HOLE. GRAY 29. THOMAS&BETTS CATALOG #54106.		#4, 2C4TLN, 2C4TLNU
LB4-4	LUG, CRIMP, 1/4-INCH BOLT HOLE, FOR COPPER #2 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-2-14. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4
LB4-5	LUG, CRIMP, 5/16-INCH BOLT HOLE, FOR COPPER #4 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-4-516. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4
LB4-6	LUG, CRIMP, 3/8-INCH BOLT HOLE, FOR COPPER #4 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-4-38. SLAC S/N59-294-747-81. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4
LB4D8	LUG, CRIMP, DOUBLE BOLT HOLE, 2X1/2 DIAMETER ON 1-3/4" CENTERS, LONG BARREL, UNINSULATED. FOR COPPER #4 AWG WIRE. MFG: FCI/BURNDY P/N: #YA4C-2N. MFG: T&B, P/N: 256-30695-733 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		#4
LB4-SS	LUG, ONE BOLT HOLE, SET SCREW TYPE, FOR #4 TO #8 AWG.		#4-#8
LB6-3	LUG, CRIMP, #10 BOLT HOLE, FOR COPPER #6 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-6-10/8. SLAC S/N59-294-748-01. USE SLAC APPROVED CRIMP TOOLING ONLY.		#6
LB6-4	LUG, CRIMP, 1/4 INCH BOLT HOLE, FOR COPPER #6 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-6-14. SLAC S/N59-294-748-02. USE SLAC APPROVED CRIMP TOOLING ONLY.		#6
LB6-5	LUG, CRIMP, 5/16-INCH BOLT HOLE, FOR COPPER #6 AWG WIRE, LONG BARREL, UNINSULATED, SQUARE-D P/N VHCL-6-516. USE SLAC APPROVED CRIMP TOOLING ONLY.		#6

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB6-6	LUG, CRIMP, 3/8-INCH BOLT HOLE, FOR #6 AWG WIRE, SHORT BARREL, UNINSULATED, AMP CAT. #328144. SLAC S/N59-294-748-04. USE SLAC APPROVED CRIMP TOOLING ONLY.		#6
LB6-7	LUG, CRIMP, 1/4-INCH BOLT HOLE, FOR #6 AWG WIRE, SHORT BARREL, UNINSULATED, GRAINGER #3LL41. DIE CODE 24. USE SLAC APPROVED CRIMP TOOLING ONLY.		
LB6D8	LUG, CRIMP, DOUBLE BOLT HOLE, 2X1/2 DIAMETER ON 1-3/4" CENTERS, LONG BARREL, UNINSULATED, FOR COPPER #6 AWG WIRE, BURNDY CAT. #YA6C-2N.		#6
LB8/0	LUG, 5/16-INCH, COPPER ONE-HOLE, FOR #8 AWG WIRE. STRAIGHT STANDARD BARREL - MAX 35KV, TIN PLATED WITH INSPECTION HOLE. RED 21. THOMAS&BETTS CATALOG #54131.		2C8TLN
LB8-3	LUG, CRIMP, #10 BOLT HOLE, FOR COPPER #8 AWG WIRE, LONG BARREL, UNINSULATED, BURNDY CAT. #YA8C-TC10. SLAC S/N59-294-745-51. USE SLAC APPROVED CRIMP TOOLING ONLY.		#8
LB8-4	LUG, CRIMP, 1/4-INCH BOLT HOLE, FOR COPPER #8 AWG WIRE, LONG BARREL, UNINSULATED, MFG: FCI/BURNDY P/N: #YA8C-TC14. MFG: T&B, P/N: 54930BE OR EQUIVALENT. SLAC S/N59-294-745-41. USE SLAC APPROVED CRIMP TOOLING ONLY.		#8
LB8-5	COPPER ONE-HOLE,LUG - STRAIGHT STANDARD BARREL - MAX 35KV, #8 AWG WIRE, #10 BOLT SIZE, T&B CATALOG NUMBER: 54104 USE SLAC APPROVED CRIMP TOOLING ONLY.		
LB8-6	LUG, CRIMP, 3/8-INCH BOLT HOLE, FOR COPPER #8 AWG WIRE, SHORT BARREL, UNINSULATED, BURNDY CAT. #YA8C-L3-BOX. USE SLAC APPROVED CRIMP TOOLING ONLY.		#8
LB8-8	LUG, CRIMP, 1/2-INCH BOLT HOLE, FOR COPPER #8 AWG WIRE, SHORT BARREL, UNINSULATED, BRUNDY CAT. #YA8C-L4-BOX. USE SLAC APPROVED CRIMP TOOLING ONLY		#8
LB8-SS	LUG, ONE BOLT HOLE, SET SCREW TYPE, FOR #14 TO #8 AWG.		#14-#8
LB25-6	LUG, CRIMP, 3/8-INCH BOLT HOLE, UNINSULATED, LONG BARREL, FOR COPPER 250MCM CABLE, SQUARE-D P/N VHCL-250-38. USE SLAC APPROVED CRIMP TOOLING ONLY.		250MCM

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB25-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, UNINSULATED, LONG BARREL, FOR COPPER 250MCM CABLE. SQUARE-D P/N VHCL-350-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		250MCM
LB25D8	LUG, CRIMP, DOUBLE BOLT HOLE, 2 X 1/2IN DIAMETER ON 1-3/4" CENTERS, LONG BARREL, UNINSULATED, FOR COPPER 250MCM WIRE, THOMAS&BETTS P/N 54868BE		4/0TLSNH, 250MCM
LB30-6	LUG, CRIMP, 3/8-INCH BOLT HOLE, UNINSULATED, LONG BARREL, FOR AL/CU 300MCM CABLE, THOMAS AND BETTS P/N 60160. USE SLAC APPROVED CRIMP TOOLING ONLY.		300MCM
LB30D6	LUG, CRIMP, DOUBLE BOLT HOLE, 2X 3/8" DIA ON 1-3/4 CENTERS. UNINSULATED, LONG BARREL, FOR 300MCM COPPER CABLE, SQUARE-D P/N VHCL-300-38BN. USE SLAC APPROVED CRIMP TOOLING ONLY.		300MCM
LB30D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS. UNINSULATED, LONG BARREL, FOR 300 MCM COPPER CABLE. SQUARE-D P/N VHCL-300-12BN. USE SLAC APPROVED CRIMP TOOLING ONLY.		300MCM
LB35-5FS	LUG, CRIMP, 5/16-INCH BOLT - SINGLE HOLE, UNINSULATED, SHORT BARREL. FOR COPPER 350 MCM FLEX CABLE. PANDUIT CAT.#LCAX350-56-6 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		
LB35-6FL	LUG, CRIMP, 3/8-INCH BOLT - SINGLE HOLE, UNINSULATED, LONG BARREL. FOR COPPER 350 MCM FLEX CABLE. T&B CAT.# 54916BE06 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		350TLSNH
LB35-6FS	LUG, CRIMP, 3/8-INCH BOLT - SINGLE HOLE, UNINSULATED, SHORT BARREL. FOR COPPER 350 MCM FLEX CABLE. T&B CAT.# 5411606 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		350TLSNH
LB35-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, UNINSULATED, LONG BARREL, FOR COPPER 350 MCM CABLE. SQUARE-D P/N VHCL-350-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		350MCM

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB35-9	LUG, CRIMP, 3/8-INCH BOLT - SINGLE HOLE, UNINSULATED, SHORT BARREL, FOR COPPER 350 MCM FLEX CABLE. T&B CAT. # 256-30695-112 USE SLAC APPROVED CRIMP TOOLING ONLY.		350TLSNH
LB35-10	LUG, CRIMP, 3/8-INCH BOLT - DOUBLE HOLE, 2 X 3/8" DIA ON 1" CENTERS, UNINSULATED, LONG BARREL, FOR COPPER 350MCM FLEX CABLE (ALSO GOOD FOR 313 FLEX AND 400MCM CODE) USE T&B TOOL TBM8-750M-1 WITH BLUE DIE CODE # 76 OR SLAC APPROVED CRIMP TOOLING ONLY. T&B CAT. # 54821BE313BS.		350TLSNH
LB35D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS. UNINSULATED, LONG BARREL, FOR 350 MCM COPPER CABLE. SQUARE-D P/N VHCL-350-12BN. USE SLAC APPROVED CRIMP TOOLING ONLY.		350MCM
LB35D8F	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, LONG BARREL. FOR COPPER 350 MCM FLEX CABLE. MFG: T&B, P/N:54874BE OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		350TLSNH
LB35D8FS	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2" DIA ON 1-3/4" CENTERS, UNINSULATED, STANDARD BARREL. FOR 350 MCM FLEXIBLE COPPER CABLE T&B CAT. # 58277 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		350TLSNH
LB35D9	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2" DIA ON 1-3/4" CENTERS. UNINSULATED, LONG BARREL, FOR 350 MCM FLEXIBLE COPPER CABLE (ALSO GOOD FOR 313 MCM FLEX AND 400MCM CODE) T&B CAT. #5487BE313BS. USE T&B TOOL TBM8-750M-1 WITH BLUE DIE CODE # 76 OR SLAC APPROVED C CRIMP TOOLING ONLY.		
LB50-6	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL, FOR COPPER 500MCM CABLE. USE SLAC APPROVED CRIMP TOOLING ONLY. MFG: THOMAS & BETTS. P/N 256-30695-339		500MCM
LB50-6F	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL. FOR COPPER 500MCM FLEX CABLE. USE MFG T&B P/N 5412006 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		500TLSNH
LB50-6FL	LUG, CRIMP, 3/8-INCH BOLT-HOLE, UNINSULATED, LONG BARREL. FOR COPPER 500MCM FLEX CABLE. USE MFG T&B P/N 54921BE06 OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		500TLSNH

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB50-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, UNINSULATED, SHORT BARREL, FOR COPPER 500-600 MCM CABLE. SQUARE-D P/N VHCL-500-12. USE SLAC APPROVED CRIMP TOOLING ONLY.		500MCM
LB50D6	LUG, CRIMP, 2 BOLT HOLES, 3/8" DIAMETER ON 1" CENTERS, LONG BARREL, UNINSULATED, FOR 450 TO 550 MCM CABLE. AMP CAT. #326808. USE SLAC APPROVED CRIMP TOOLING ONLY.		
LB50D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, LONG BARREL, UNINSULATED, FOR COPPER 450-550 MCM CABLE. AMP CAT.#53642-2. USE SLAC-APPROVED CRIMP TOOLING ONLY.		500MCM
LB50D8F	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, LONG BARREL, FOR COPPER 500 MCM FLEX CABLE. MFG: T&B, P/N:54878BE OR EQUIVALENT. USE SLAC-APPROVED CRIMP TOOLING ONLY.		500TLSNH
LB50D8FS	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, STANDARD BARREL. FOR COPPER MCM FLEX CABLE, USE MFG: T&B, P/N: 54289BE OR EQUIVALENT. USE SLAC APPROVED CRIMP TOOLING ONLY.		500TLSNH
LB53D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS, LONG BARREL, UNINSULATED, FOR COPPER 535KCMIL CABLE. SQUARE-D P/N VHCL-535-12. USE SLAC-APPROVED CRIMP TOOLING ONLY.		535MCM
LB60-5	LUG, CRIMP, 5/8-INCH BOLT-HOLE, UNINSULATED, STANDARD BARREL, 600MCM FOR COPPER 600 MCM CABLE , 5002AND 500MCM FLEX CABLE. T&B PART 500TLSNH NUMBER 54120, TIN PLATED BLIND END, GREEN 94 OR SLAC APPROVED CRIMP TOOLING ONLY.		600MCM, 500TLSNH 2C500TLS
LB60-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, UNINSULATED, LONG BARREL, FOR COPPER 600 MCM CABLE AND 500MCM FLEX CABLE. T&B PART NUMBER 54921BE, TIN PLATED BLIND END, GREEN 94		600MCM, 500TLSNH
LB60D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA. ON 1-3/4 CENTERS. UNINSULATED, LONG BARREL FOR 600 MCM COPPER CABLE. SQUARE-D P/N VHCL-600-12BN. USE SLAC-APPROVED CRIMP TOOLING ONLY.		600MCM

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LB60S8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, UNINSULATED, SHORT BARREL, FOR COPPER 600 MCM COPPER CABLE, AND 500MCM FLEX CABLE. T&B PART NUMBER 256-30695-1370		600MCM, 500TLSNH
LB75-8	LUG, CRIMP, 1/2-INCH BOLT-HOLE, UNINSULATED, LONG BARREL, FOR COPPER 750 MCM CABLE. BURNDY CAT. #YA39-N. USE SLAC APPROVED CRIMP TOOLING ONLY.		750MCM
LB75D8	LUG, CRIMP, DOUBLE BOLT-HOLE, 2 X 1/2 DIA ON 1-3/4 CENTERS. UNINSULATED, LONG BARREL, FOR 750MCM COPPER CABLE. SQUARE-D VHCL-750-12BN. USE SLAC-APPROVED CRIMP TOOLING ONLY.		750MCM
LB309-6	LUG, CRIMP, 90 DEGREE, 3/8 INCH BOLT HOLE, UNINSULATED, LONG BARREL FOR AL/CU 300MCM CABLE. THOMAS AND BETTS P/N 60160UB. USE SLAC APPROVED CRIMP TOOLING ONLY.		250WELD, 300MCM
LBR02-6	LUG, CRIMP, RIGHT ANGLE, 3/8-INCH BOLT-HOLE FOR COPPER #2/0 AWG AND #1/0 AWG FLEX WIRE. STANDARD BARREL, UNINSULATED, THOMAS&BETTS P/N 54110UB. USE SLAC APPROVED CRIMP TOOLING ONLY.		#1/0FLEX, #2/0
LC	CONNECTOR IS FACTORY TERMINATED WITH A LC/UPC CONNECTOR AND A 1 m PIGTAIL WHICH IS UNTERMINATED. THE PIGTAILS ARE SINGLE MODE FIBER AND COLOR CODED TO STANDARD EIA/TIA COLOR SCHEMA. WHEN USED WITH THE COMMSCOPE SYSTIMAX G2 SHELF SYSTEM THE LC PIGTAILS ARE PART OF A 12 CONNECTOR MODULE: SYSTIMAX P/N MODG2-12LC-SM.		
LC-DUP	FIBER OPTIC CONNECTOR, DUPLEX, 2 FIBER CABLE, 900MM TIGHT-BUFFERED CABLE RECOMMENDED 62.5/125MM OM1, 50/125MM OM2, 10GIG™ 50/125MM LASER OPTIMIZED OM3 AND 9/125MM OS1, 1.6MM - 2.0MM JACKETED CABLE, PANDUIT P/N FLC DMEI (MULTIMODE WITH 1.6MM - 2.0MM JACKETED CABLE), P/N FLC DM900EI (900MM BUFFERED FIBER), P/N FLC DSBU (SINGLEMODE WITH 1.6MM - 2.0MM JACKETED CABLE), P/N FLC DS900BU (SINGLEMODE WITH 900MM BUFFERED FIBER).		FOMMDP62
LC-SIM	FIBER OPTIC CONNECTOR, SIMPLEX SINGLE FIBER CONNECTOR, 900MM TIGHT-BUFFERED CABLE RECOMMENDED 62.5/125MM OM1, 50/125MM OM2, 10GIG™ 50/125MM LASER OPTIMIZED OM3 AND 9/125MM OS1, 1.6MM 2.0MM JACKETED CABLE PANDUIT P/N FLC SMEI (MULTIMODE), P/N FLC SSBU (SINGLEMODE WITH 900MM BUFFERED FIBER AND 1.6MM - 2.0MM JACKETED CABLE)		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LEMO	CONNECTOR, COAXIAL PLUG, KINGS CAT.#1075-1, SLAC S/N59-299-052-01. USE CRIMP DIE KTH-2082.		RG174, RG188
LEMO-A	USE LEMO2P CONNECTOR. WIRE #1 WIRE (CLEAR) TO THE SOCKET-PIN (PIN-2). WIRE #2 WIRE (BLACK) TO THE PLUG-PIN (PIN-1). WIRE SHIELD TO CONNECTOR SHELL.		2C22MS
LEMOHV1	CONNECTOR, COAXIAL PLUG, HIGH VOLTAGE (HV), CABLE SIZE O.D. 2.2MM - 2.6MM (0.09IN - 0.1IN), 7500 VAC/10500 VDC, 8 AMP AC/DC, 250 DEG C. LEMO P/N: FFB.1S.405.CTAC27 .		RG58TLN
LEMOHV2	CONNECTOR, COAXIAL PLUG, HIGH VOLTAGE (HV), CABLE SIZE O.D. 4.3MM - 5.1MM (0.17IN - 0.2IN), 7500 VAC/10500 VDC, 8 AMP AC/DC, 250 DEG C. LEMO P/N: FFB.1S.405.CLAC52 .		TYPE-C
LEMO2P	CONNECTOR, LEMO TYPE, KINGS, K-LOC, 2 CONTACT CABLE PLUG, SOLDER CUPS, KINGS #1885-1, SLAC S/N59-299-053-52.		2C22MS, RG108A
LEMO3P	THREE PIN CONNECTOR, PLUG, 3 CONTACTS (2 PINS AND 1 SOCKET), HALF MOON INSERT ARRANGEMENT, SOLDER CUP, CABLE O.D. RANGE: 4.8-5.6MM MFG: LEMO, P/N: FFA.1S.303.CLAC57		
LEMO4P	CONNECTOR, LEMO TYPE, KINGS, K-LOC, 4 CONTACT CABLE PLUG, SOLDER CUPS, KINGS #1905-1, SLAC S/N59-299-053-54.		1PR200S
LEMO5P	FIVE PIN CONNECTOR, MALE PLUG. POWER PLUG FOR ROPER SCIENTIFIC CAMERA MODEL: CASCADE 512B. MFG: LEMO.		
LEMO6P	CONNECTOR, LEMO TYPE, 6 CONTACT CABLE PLUG, SOLDER CUPS, P/N FFA.1S.306.CLAD.62 PIN ALIGNED		
LEMO6PK	CONNECTOR, LEMO TYPE, 6 CONTACT CABLE PLUG, SOLDER CUPS, KEYWAY ALIGNED, P/N FGG.1B.306.CLAD.72Z. USE BEND RELIEF BOOT P/N GMA.1B.065.D (BLACK BOOT).		
LEMO8PK	CONNECTOR, LEMO TYPE, 8 CONTACT CABLE PLUG, SOLDER CUPS, P/N FGG.2B.308.CLAD.99Z KEYWAY ALIGNED.		
LEMO58	CONNECTOR, COAXIAL PLUG, KING K-LOC, KING CAT #1075-2.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LFB	LUG, "FASTON", BLUE PREINSULATED CRIMP RECEPTACLE FOR #14 TO, #16 AWG WIRE, AMP CAT. #42332-2. SLAC S/N59-294-751-02, USE HAND CRIMPING TOOL AMP #59250.	CROSS-CONNECT TERMINAL BLOCKS TRUNKS	(nn)C16 SERIES, 3PR22OS, 4PR18TC, 24PR16TC, 50PR16TC, 3C16TYR, 5PR20OS, 1PR16T3V, 4PR16AS, 5C16,6V, 8PR16OS, 6C18TC,12C18OS, 18PR22OS,50C16T3V, 2C16T3V
LFR	LUG, "FASTON", FEMALE, RED PREINSULATED CRIMP RECEPTACLE FOR #18 TO #22 AWG WIRE, AMP CAT. NO.42599-2. SLAC S/N59-294-751-01. USE HAND CRIMPING TOOL AMP #59250 ONLY.	FLOW & LIMIT SWITCHES	12C22T6V, 15PR22OS, 26C22/3V, 1PR22OS, 27PR22OS, 2C22MS, 3PR22OS, 2C16OS, 5PR20OS, 6PR22OS, 19C16T6V, 11PR22OS, 5C16T6V, 8C18OS, 19C18T3V, 9C18J, 18PR22OS, 2C18TC, 5C18TC, 6C18TC, 7C18TC, 12C18TC, 19PR22IS, 12C20J 4C20OS, 12PR22IS, 4PR18TC, 4C20OS,
LF-RA	LUG FASTON, RIGHT ANGLE, SPECIAL ASSEMBLY, FLAG TERMINALS. MFG. ELPRESS P/N'S B2507 FLPB8 AND B1003 FLSV5. ASSEMBLED WITH ISOLATORER.		
LFY	LUG, "FASTON", YELLOW PREINSULATED RECEPTACLE FOR #12 TO #10 AWG WIRE, AMP CAT. NO. 42844-1. SLAC S/N59-294-751-03. USE HAND CRIMPING TOOL 90246-1 ONLY.	AC LINE	3C12TYR, 2C12TYR 5C12TYR
LOPWR21	PLUG CONNECTOR, FEMALE, COAX STYLE, LOW DC POWER. 2.1MM ID, 5.5MM OD. SUPPLIER: DIGIKEY. MFG: CUI. P/N: PP3-002A.		
LRB1/4	LUG, RING, BLUE, CRIMP, STUD SIZE 1/4", FOR #14 TO #16 AWG WIRE. AMP CAT. #31906 OR EQUIVALENT, SLAC S/N59-294-711-61. USE HAND CRIMPING TOOL 90009-8.		
LRB3/8	LUG, RING, BLUE, CRIMP, STUD SIZE 3/8" FOR #14 TO #16 AWG WIRE, SLAC S/N59-294-711-81. USE HAND CRIMPING TOOL AMP#59250.		1PR16OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LRB#6	LUG, RING, BLUE, CRIMP, STUD SIZE #6, FOR #14 TO #16 AWG WIRE. AMP NO. 31901 OR EQUIVALENT, SLAC S/N59-294-711-31. USE HAND CRIMPING TOOL AMP #59250. WIRE IN COLOR CODE SEQUENCE. SEE THE WIRE TYPE FOR THE COLOR CODE.	BACKLEGS	2C14TYR, 1PR16OS 8C16/3V, 8PR16TS 4PR16OS
LRB#8	LUG, RING, BLUE, CRIMP, STUD SIZE #8, FOR #14 TO #16 AWG WIRE. AMP 31902 OR EQUIVALENT, SLAC S/N59-294-711-41. USE HAND CRIMPING TOOL AMP #59250.		2C16/3V
LRB#10	LUG, RING, BLUE, CRIMP, STUD SIZE #10, FOR #14 TO #16 AWG WIRE. AMP 31903 OR EQUIVALENT, SLAC S/N59-294-711-51. USE HAND CRIMPING TOOL AMP #59250.		4PR16AS
LRR1/4	LUG, RING, RED, CRIMP, STUD SIZE 1/4", FOR #18 TO #22 AWG WIRE. AMP 31894 OR EQUIVALENT, SLAC S/N 59-294-710-61. USE HAND CRIMPING TOOL AMP #59250.		1PR20OS, 12PR22IS 12C22/3V
LRR#6	LUG, RING, RED, CRIMP, STUD SIZE #6, FOR #18 TO #22 AWG WIRE. AMP 8-36152-1 OR EQUIVALENT, SLAC S/N59-294-710-31. USE HAND CRIMPING TOOL AMP #59250.		1PR20OS
LRR#8	LUG, RING, RED, CRIMP, STUD SIZE #8, FOR #18 TO #22 AWG WIRE. AMP 31890 OR EQUIVALENT. SLAC P/N59-294-710-41. USE HAND CRIMPING TOOL AMP #59250.		
LRY6R	LUG, RING, YELLOW, CRIMP, STUD SIZE #6, FOR #10 TO #12 AWG WIRE. RADIATION RESISTANT INSULATION (PVF2), BURNDY CAT. #YAES10K-11. USE HAND CRIMP TOOL AMP #59239-4.		2C12TYR, 2C10TC 4C12T6V, 4C1076V
LRY#6	LUG, RING, YELLOW, CRIMP, STUD SIZE #6, FOR #10 TO #12 AWG WIRE. AMP NO. 35149 OR EQUIVALENT, LBL #5940-3194, SLAC S/N59-294-713-31. USE HAND CRIMPING TOOL AMP #59239-4. WIRE IN COLOR CODE SEQUENCE. SEE THE WIRE TYPE FOR THE COLOR CODE.	AC POWER	3C12TYR, 2C12OS
LRY#6-1	LUG, RING, YELLOW, CRIMP, STUD SIZE #6, FOR #16 TO #14 AWG WIRE. AMP NO. 35634 OR EQUIVALENT, SLAC S/N59-294-712-31. USE HAND CRIMPING TOOL AMP #59239-4.		8C12T6V
LRY-7	LUG RING TONGUE, YELLOW, INSULATED, CRIMP, STUD SIZE #6, FOR #10 OR #12 AWG WIRE. COPPER LUG WITH 0.145 DIA HOLE. AMP CAT# 320634, USE HAND CRIMPING TOOL AMP #59239-4.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LRV#8	LUG, RING, YELLOW, CRIMP, STUD SIZE #8, FOR #10 TO #12 AWG WIRE. AMP 35108 OR EQUIVALENT, <u>SLAC59-294-713-41</u> . USE HAND CRIMPING TOOL AMP #59239-4.		5C12TYR, 2C12TYR
LRV#8-1	LUG, RING, YELLOW, CRIMP, STUD SIZE #8, FOR #16 TO #14 AWG WIRE. AMP 35106 OR EQUIVALENT, <u>SLAC59-294-712-41</u> . USE HAND CRIMPING TOOL AMP #59239-4.		8C12T6V
LRV#10	LUG, RING, YELLOW, CRIMP, STUD SIZE #10, FOR #10 TO #12 AWG WIRE. AMP 35109 OR EQUIVALENT, <u>SLAC S/N59-294-713-51</u> . USE HAND CRIMPING TOOL AMP #59239-4.		3C12TYR, 4C12TYR
LRV#10-1	LUG, RING, YELLOW, CRIMP, STUD SIZE #10, FOR #16 TO #14 AWG WIRE. AMP 34805 OR EQUIVALENT, <u>SLAC S/N59-294-712-51</u> . USE HAND CRIMPING TOOL AMP #59239-4.		8C12T6V
LRV1/4	LUG, RING, YELLOW, CRIMP, FOR 1/4" STUD SIZE, FOR #10 TO #12 AWG WIRE. <u>SLAC S/N59-294-713-61</u> . USE HAND CRIMP TOOL AMP #59239-4.		#12
LRV-5	LUG RING, YELLOW, INSULATED, CRIMP, STUD SIZE 5/16", FOR #10 OR #12 AWG WIRE. AMP CAT. #35111, <u>SLAC 59-294-713-71</u> . USE HAND CRIMPING TOOL AMP #59239-4.		#12
LRV-6	LUG RING, YELLOW, INSULATED, CRIMP, STUD SIZE 3/8", FOR #10 OR #12 AWG WIRE. AMP CAT# 35112, <u>SLAC S/N59-294-713-81</u> . USE HAND CRIMPING TOOL AMP #59239-4.		#12
LRV-8	LUG RING, YELLOW, INSULATED, CRIMP, STUD SIZE 1/2", FOR #10 OR #12 AWG WIRE. AMP CAT# 35151, <u>SLAC S/N59-294-713-91</u> . USE HAND CRIMPING TOOL AMP #59239-4.		#12
LR2-5	LUG, RING, UNINSULATED, CRIMP, STUD SIZE 5/16", FOR #2 AWG WIRE, AMP CAT. #322870 OR EQUIVALENT. USE SLAC APPROVED CRIMPING TOOL ONLY.		#2
LR2-6	LUG, RING, UNINSULATED, CRIMP, STUD SIZE 3/8", FOR #2 AWG WIRE, AMP CAT. #321600. USE SLAC APPROVED CRIMPING TOOL ONLY.		#2
LR2-8	LUG, RING, UNINSULATED, CRIMP, STUD SIZE 1/2", FOR #2 AWG WIRE, AMP #321602 OR EQUIVALENT. USE SLAC APPROVED CRIMPING TOOL ONLY.		#2

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LR4#10	LUG, RING, INSULATED, CRIMP, STUD SIZE #10, FOR #4 AWG WIRE, AMP CAT. #322052. USE SLAC APPROVED CRIMPING TOOL ONLY.		#4
LR6#10	LUG, RING, UNINSULATED, CRIMP, STUD SIZE #10, FOR #6 AWG WIRE. AMP CAT. #33464. USE SLAC APPROVED CRIMPING TOOL ONLY.	FF KICKER	#6, HVSPEC1
LR6#10S	LUG, RING, UNINSULATED, CRIMP, FOR #6AWG, STUD SIZE #10, 19 STRAND WIRE, AMP 321298, USED SLAC APPROVED CRIMPING TOOL ONLY.	TRIM WINDING	2C6T6VOS
LR8-4	LUG, RING, INSULATED, CRIMP, STUD SIZE 1/4", FOR #8 AWG WIRE, AMP CAT. #33461, SLAC S/N <u>59-294-745-41</u> . USE SLAC APPROVED CRIMPING TOOL ONLY.		
LR8-6	LUG, RING, INSULATED, STUD SIZE 3/8 INCH, FOR #8 AWG WIRE, AMP CAT. #322004. USE SLAC APPROVED CRIMPING TOOL ONLY.	FF	2C8TYR
LR8#10	LUG, RING, INSULATED, CRIMP, STUD SIZE #10, FOR #8 AWG WIRE, AMP CAT. #322154, SLAC S/N <u>59-294-745-51</u> . USE SLAC APPROVED CRIMPING TOOL ONLY.		4C8TYR, 4C8SHLD
LR8U10	LUG, RING, UNINSULATED, CRIMP, STUD SIZE #10, FOR #8 AWG WIRE. AMP. CAT #31807, SLAC S/N <u>59-294-745-51</u> . USE SLAC APPROVED CRIMPING TOOL ONLY.	FOCUS MAG	#8
LSB#6	LUG, SPADE, BLUE, CRIMP, STUD SIZE #6, FOR #14 TO #16 AWG WIRE. AMP #320861 OR EQUIVALENT, LBL #5940-31964, SLAC S/N <u>59-294-733-31</u> . USE HAND CRIMPING TOOL AMP #59250.		3C16TYR, 1PR16AS, 4PR16AS, 1PR16T3V, 2C16/3V, 5C16/6V, 9C18J
LSB#8	LUG, SPADE, BLUE, CRIMP, STUD SIZE #8, FOR #14 TO #16 AWG WIRE. AMP NO. 320862 OR EQUIVALENT, LBL #5940-31989, SLAC S/N <u>59-294-733-41</u> . USE HAND CRIMPING TOOL AMP #59250.		2C16OS, 3C16/3V
LSB#10	LUG, SPADE, BLUE, CRIMP, STUD SIZE #10, FOR #14 TO #16 AWG WIRE. AMP NO. 320863 OR EQUIVALENT, SLAC S/N <u>59-294-733-51</u> . USE HAND CRIMPING TOOL AMP #59250.		
LSR#6	LUG, SPADE, RED, CRIMP, STUD SIZE #6, FOR #18 TO #22 AWG WIRE. AMP NO. 32562 OR EQUIVALENT, LBL #5940-31951, SLAC S/N <u>59-294-732-31</u> . USE HAND CRIMPING TOOL AMP #59250.		2C22MS, 12C18OS, 2C18TC, 6C18TC, 8C18OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
LSR#8	LUG, SPADE, RED, CRIMP, STUD SIZE #8, FOR #18 TO #22 AWG WIRE. AMP NO.32498 OR EQUIVALENT, SLAC S/N59-294-732-41. USE HAND CRIMPING TOOL AMP #59250.		
LSR#10	LUG, SPADE, RED, CRIMP, STUD SIZE #10, FOR #18 TO #22 AWG WIRE. AMP NO.32054 OR EQUIVALENT, SLAC S/N59-294-722-51. USE HAND CRIMPING TOOL AMP #59250.		
LSY#8	LUG, SPADE, YELLOW, CRIMP, STUD SIZE #8, FOR #10 TO #12 AWG WIRE.AMP 32510 OR EQUIVALENT. SLAC S/N59-294-735-41.USE HAND CRIMPING TOOL 59239-4 ONLY.		2C12TYR, 2C10TYR, HVSPEC2
LSY#10	LUG, SPADE, YELLOW, CRIMP, STUD SIZE #10, FOR #10 TO #12 AWG WIRE. AMP NO. 32589 OR EQUIVALENT, USE HAND CRIMPING TOOL 90246-1 ONLY.		
MCX	BANANA TYPE PLUG WITH WHITE COLORED PLASTIC INSULATING SHELL FURNISHED WITH THE KAPTON CABLE TYPE.		KAPTON
MG8P	EIGHT PIN CONNECTOR, MALE, CABLE PLUG, MFR. MELLES GRIAT P/N 06DDA002.		4PR22IS
MG8S	EIGHT PIN CONNECTOR, FEMALE, CABLE PLUG, MFR. MELLES GRIAT P/N 06DDA001.		4PR22IS
MLP	CONNECTOR, MALE, CABLE PLUG, 90 AMP, MULTILAM HUGIN INDUSTRIES P/N 09043.		#4AWG
MLS	CONNECTOR, FEMALE, CABLE SOCKET, 90 AMP, MULTILAM HUGIN INDUSTRIES P/N 10751.		#4AWG
MLX3S	CONNECTOR, 3 PIN, FEMALE, SOLDER CONNECTIONS. MOLEX P/N 09-50-3061.		
MLX4P	FOUR PIN CONNECTOR, MOLEX CAT. #39-01-2045, WITH CONTACT POINT AND STRAIN RELIEF, MOLEX CAT.#39-00-0220 AND 15-04-0296 RESP.		
MLX4S	FOUR PIN CONNECTOR, FEMALE RECEPTACLE, MOLEX CAT. #39-01-2040, STRAIN RELIEF, MOLEX CAT. #15-04-0294 AND GOLD PLATED TERMINALS, MOLEX CAT. #39-00-164. USE HAND CRIMPING TOOL, MOLEX CAT. #11-01-0197.		1PR18OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MLX4X	FOUR PIN CABLE CONNECTOR, MOLEX CAT#39-01-3049, WITH CONTACT POINT AND STRAIN RELIEF, MOLEX CAT.#39-00-0182 AND 15-04-0296 RESP. THIS SHALL BE USED TO DISCONNECT THE CABLE WHEN THE RAFT IS MOVED AWAY FROM THE DETECTOR.		
MLX6S	SIX PIN CONNECTOR, FEMALE RECEPTACLE, MOLEX CAT. #39-01-2060, STRAIN RELIEF, MOLEX CAT. #15-04-0296 AND GOLD PLATED TERMINALS, MOLEX CAT. #39-00-164. USE HAND CRIMPING TOOL, MOLEX CAT. #11-01-0197.		2PR18OS
MLX6S1	SIX PIN CABLE CONNECTOR, MOLEX CAT. #39-01-2065, WITH CONTACT POINT AND STRAIN RELIEF, MOLEX CAT. #39-00-0220 AND 15-04-0296 RESP.		
MLX12P	TWELVE PIN CABLE CONNECTOR, MOLEX CAT. #39-01-2125, WITH CONTACT POINT AND STRAIN RELIEF, MOLEX CAT. #39-00-0220 AND 15-04-0345 RESP.		
MLX12S	TWELVE PIN CONNECTOR, FEMALE RECEPTACLE, MOLEX CAT. #39-01-2120, STRAIN RELIEF, MOLEX CAT. #15-04-0345 AND GOLD PLATED TERMINALS, MOLEX CAT. #39-00-164. USE HAND CRIMPING TOOL, MOLEX CAT. #11-01-0197 AND #39-01-2125.		4PR18OS, 1PR18OS
MLX12X	TWELVE PIN CABLE CONNECTOR, MOLEX CAT. #39-01-3129, WITH CONTACT POINT AND STRAIN RELIEF, MOLEX CAT.#39-00-0182 AND 15-04-0345 RESP. THIS SHALL BE USED TO DISCONNECT THE CABLE WHEN THE RAFT IS MOVED AWAY FROM THE DETECTOR.		
MS-HVS	SINGLE CONTACT, THREADED CONNECTOR, AMPHENOL NO. MS-3106A-18-420S, RATED AT 9 KV RMS/20 A MAX. TERMINATION IS TO BE DONE PER DRAWING SA-125-089-01, 'ION PUMP HV CABLE CONNECTOR ASSEMBLY'.		RG213R
MS2S	TWO PIN CONNECTOR, FEMALE STRAIGHT PLUG,ITT CANNON P/N MS3106A-12S-3S. SOLDER PINS		1PR22OS
MS3P	THREE PIN CONNECTOR, MALE, MS-3126F-12-3P, SLAC S/N <u>59-299-210-52</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	TUNE MEAS	2C22MS, 2C16OS
MS3S	THREE PIN CONNECTOR, FEMALE, MS-3126F-12-3S, SLAC S/N <u>59-299-210-02</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	TUNE MEAS	2C22MS, 3C20/3V 1PR22OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS3S-A	THREE PIN CONNECTOR, FEMALE, MS3106A-10SL-3S, STRAIGHT PLUG, SOLDER CONNECTIONS, MFR IS AMPHANOL. NOT A SLAC STORES ITEM.		8PR220S
MS3S-S	THREE PIN CONNECTOR, FEMALE, MS-3106B-14S-7S, STRAIGHT PLUG, SPLIT SHELL, SOLDER CONNECTIONS, MFR. AMPHENOL. NOT SLAC STORES ITEM.	LINAC VAC	1PR220S
MS4P	FOUR PIN CONNECTOR, MALE, BENDIX P/N PTO6A-8-4P.		
MS4S	FOUR PIN CONNECTOR, FEMALE, BENDIX P/N PTO6A-8-4S.		
MS4SA	FOUR PIN CONNECTOR, FEMALE, MS-3116F-8-4S.	SLMO	1PR220S
MS5P	FIVE PIN CONNECTOR, MALE, MS3126F-14-50, SLAC P/N <u>59-299-210-54</u> . USE HAND CRIMPING TOOL MS10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	FF KICKER	6C160S
MS5S	FIVE PIN CONNECTOR, FEMALE, MS-3126F-14-5S, SLAC S/N59-299-210-04. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	KLY AMP FF KICKER	3C16/3V, HVSPEC2 6C160S
MS5SR	FIVE PIN CONNECTOR, FEMALE RECEPTACLE, MS-3120E-14-5S. USE HAND CRIMPING TOOL MS10S-1 WITH DIE S-7 AND STOP SL-2 ONLY. SLAC S/N <u>59-299-410-54</u> .		2PR220S
MS5S-S	FIVE PIN CONNECTOR, MS3106A-18-11S, STRAIGHT PLUG, FEMALE, SOLDER CONNECTIONS, MFR-AMPHENOL. NOT A SLAC STORES ITEM.	KLY/KICKER	#10AWG
MS6P	SIX PIN CONNECTOR, MALE, MS-3126F-10-6P, SLAC P/N <u>59-299-210-51</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.		
MS6PR	SIX PIN MALE CHASSIS MOUNT CONNECTOR, MS-3120-10-6P, SLAC P/N <u>59-299-410-01</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.		
MS6PRC	SIX PIN CONNECTOR, MALE, CABLE END RECEPTACLE, MS-3121F-10-6P. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS6PSB	SIX PIN CONNECTOR, MALE, MS-3126F-10-6P, S/N 59-299-210-51. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY. WIRE PER DRAWING CA-123-854-00: PAIR 1, BLACK/RED, RED TO PIN-A W/DRAIN BLACK TO PIN-B PAIR 2, BLACK/GREEN, GREEN TO PIN-C W/DRAIN BLACK TO PIN-D DRAIN WIRES, PAIRS 1 & 2, CONNECT BOTH TO PIN-E NO CONNECTION TO PIN-F. PAIR 3, BLACK/WHITE, NO CONNECTIONS, CUT BACK TO EDGE OF JACKET.	CAMAC SERIAL BRANCH CABLE	3PR24IS
MS6S	SIX PIN CONNECTOR, FEMALE, MS-3126F-10-6S. SLAC S/N 59-299-210-01. USE HAND CRIMPING TOOL MS10S-1 WITH DIE S-6A AND SL-3A.	DC XFMR	3PR20IS, 2PR24IS 3PR18OS
MS6SR	SIX PIN FEMALE CHASSIS MOUNT CONNECTOR, MS-3120-10-6S, SLAC S/N 59-299-410-51. USE HAND CRIMP TOOL MS10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.		
MS7P	SEVEN PIN CONNECTOR, MALE, MS-3106A-16S-1P, AMPHENOL, SOLDER CONNECTIONS.		
MS7S	SEVEN PIN CONNECTOR, FEMALE, MS-3106A-16S-1S, AMPHENOL, SOLDER CONNECTIONS.		
MS8P	EIGHT PIN CONNECTOR, MALE, MS-3126F-16-8P, SLAC S/N 59-299-210-58. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	CONTROL, SSI	8C16/3V, 6PR22OS, 8C18OS, 5C18TC
MS8PA	EIGHT PIN CONNECTOR, MALE, MS-3106E-22-23P, SOLDER CONNECTIONS.		8C12T6V, 9C12T6V 4C12T6V, 4C10T6V
MS8PAR	EIGHT PIN CONNECTOR, MALE, MS-3102E-22-23P, MALE RECEPTACLE, SOLDER CONNECTIONS.	FF BARREL QUAD TRIMS	8C12T6V, 2C12TYR
MS8PW	EIGHT PIN CONNECTOR, MALE, MS-3106F-22-23PW, SOLDER CONNECTIONS.		8C12T6V, 9C12T6V, 4C12T6V, 4C10T6V
MS8PY	EIGHT PIN CONNECTOR, MALE, MS-3106F-22-23PY, SOLDER CONNECTIONS.		8C12T6V, 9C12T6V, 4C12T6V, 4C10T7V

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS8RPA	EIGHT PIN CONNECTOR, MALE RECEPTACLE. MS-3101E-22-23P. AMPHENOL, SOLDER CONNECTIONS.		2C12RR
MS8S	EIGHT PIN CONNECTOR, FEMALE, MS-3126F-16-8S, SLAC S/N <u>59-299-210-08</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	KLY, SSI	3C16/3V, 5PR20OS, 12C16/3V, 3PR22OS, 8C16/3V
MS8SA	EIGHT PIN CONNECTOR, MS-3106E-22-23S, SOLDER CONNECTIONS.		8C12T6V, 9C12T6V, 4C12T6V, 4C10T6V
MS8SB	EIGHT PIN CONNECTOR, FEMALE, MS3116F-14-5S. NOT A STORES ITEM.		9C18OS
MS10P	TEN PIN CONNECTOR, MALE, MS-3126F-12-10P, SLAC S/N <u>59-299-210-53</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.		3PR22OS, 2C16OS, 10S22OS, 20C20OS, 10C18OS, 2C20OS, 10C16T3V
MS10PA	TEN PIN CONNECTOR, MALE, MS-3106A-18-19P, AMPHENOL, SOLDER CONNECTIONS.		4C20OS
MS10PR	TEN PIN CONNECTOR, MALE CHASSIS RECEPTACLE, MS3120F-12-10P, SLAC S/N <u>59-299-410-03</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3P ONLY.		
MS10PRA	TEN PIN CONNECTOR, MALE RIGHT ANGLE PLUG, MS-3108R-18-IP. ITT INDUSTRIES. SOLDER CONNECTION. USED WITH BELDEN #83709 9C#16 CABLE AND BELDEN #83715 15C#16 CABLE.		
MS10S	TEN PIN CONNECTOR, FEMALE, MS-3126F-12-10S, SLAC S/N <u>59-299-210-03</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.	RF CAVITY TUNER	3PR22OS, 2C16OS, 2C20OS, 10C18OS
MS10SB	TEN PIN CONNECTOR, FEMALE, MS3106A-18-19S, AMPHENOL, SOLDER CONNECTIONS.		4PR22IS, 1PR22OS
MS10SR	TEN PIN CONNECTOR, FEMALE RECEPTACLE, MS3120-12-10S, SLAC S/N <u>59-299-410-53</u> . USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A.		
MS10SRA	TEN PIN CONNECTOR, FEMALE RIGHT ANGLE PLUG, MS-3108R-18-IS. ITT INDUSTRIES. SOLDER CONNECTION. USED WITH BELDEN #83709 9C#16 CABLE AND BELDEN #83715 15C#16 CABLE.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS11P	ELEVEN PIN CONNECTOR, MS-3126F-18-11P, SLAC S/N59-299-210-60. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	SSI	12C16T6V
MS11PR	ELEVEN PIN CONNECTOR, MS-3120E-18-11P, MALE RECEPTACLE, SLAC S/N59-299-410-10. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	FF BARREL KLIXONS	1PR16TS, 2C16/3V
MS11PRA	ELEVEN PIN CONNECTOR, MALE RIGHT ANGLE PLUG, MS-3108E-24-20P. AMPHENOL. SOLDER CONNECTION. USED WITH BELDEN #83709 9C#16 CABLE AND BELDEN #83715 15C#16 CABLE.		
MS11S	ELEVEN PIN CONNECTOR, MS-3126F-18-11S, SLAC S/N59-299-210-10. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	SSI, KICKER	5PR200S, 12C16/3V, 5C16/6V
MS11SRA	ELEVEN PIN CONNECTOR, FEMALE RIGHT ANGLE PLUG, MS-3108E-24-20S. AMPHENOL. SOLDER CONNECTION. USED WITH BELDEN #83709 9C#16 CABLE AND BELDEN #83715 15C#16 CABLE.		
MS12P	TWELVE PIN CONNECTOR, MALE PLUG, MS-3106A-24-12P, SOLDER CONNECTIONS.	MULTIBUS POWER	
MS12S	TWELVE PIN CONNECTOR, FEMALE PLUG, MS-3106A-24-12S, SOLDER CONNECTIONS.	MULTIBUS POWER	
MS12SA	TWELVE PIN CONNECTOR, FEMALE PLUG, ITT CANNON MS-3116F-14-12S, SOLDER CONNECTIONS.		6PR22IS
MS13PV	THIRTEEN PIN CONNECTOR. INSERT: MOLDED SILICONE RUBBER PER ZZ-R-765, CLASS 2B, GRADE 50, COLOR RED. OPERATING VOLTAGE:5XVDC DIELECTRIC TESTING 7.5 KVDC RATED. MFG CANTON P/N 3100A-CC18-13P.		
MS13SV	THIRTEEN PIN CONNECTOR, SHELL: MS SIZE28 ALUMINUM PER MIL-C-5015. INSERT: MOLDED SILICONE RUBBER PER ZZ-R-765, CLASS 2B, GRADE 70, COLOR RED. MFG CANTON P/N 3106A-CC18-13S.		
MS14P	FOURTEEN PIN CONNECTOR, MALE PLUG, ITT CANNON MS-3106F-20-27P, SOLDER CONNECTIONS.		3PR24IS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS16P	SIXTEEN PIN CONNECTOR, MALE, MS-3126F-20-16P, SLAC S/N59-299-210-62. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	SEP PLATES/SSI KICKER/SSI	12C16T6V, 8PR16TS, 19C16/3V
MS16PS	SIXTEEN PIN CONNECTOR, MALE, STRAIGHT PLUG, SOLDER PINS, ITT-CANNON P/N MS3106A-24-5P.		
MS16S	SIXTEEN PIN CONNECTOR, MS-3126F-20-16S, SLAC S/N59-299-210-12. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	VAR XFMR	19C16/3V
MS16SS	SIXTEEN PIN CONNECTOR, FEMALE, STRAIGHT PLUG, SOLDER PINS, ITT-CANNON P/N MS3106A-24-5S.		
MS19P	NINETEEN PIN CONNECTOR, MALE PLUG, MS-3126F-14-19P, SLAC S/N59-299-210-57. USE HAND CRIMP TOOL M10S-1 WITH DIE S7 AND STOP SL-3A ONLY.	MPS	12PR22OS
MS19S	NINETEEN PIN CONNECTOR, FEMALE PLUG, MS-3126F-14-19S, SLAC S/N59-299-210-07. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.	FLOW SW	26C22/3C, 11PR22OS, 18PR22OS, 8PR22OS
MS19SA	NINETEEN PIN CONNECTOR, FEMALE PLUG, MS-3116F-14-19S.	SLMO	9PR18OS
MS20P	TWENTY PIN CONNECTOR, MALE PLUG, SOLDER CONNECTIONS, ITT CANNON, MS3106-28-16P.		19C18OS
MS20S	TWENTY PIN CONNECTOR, FEMALE PLUG, SOLDER CONNECTIONS, ITT CANNON, MS3106B-28-16S.		
MS21P	TWENTY-ONE PIN CONNECTOR, MALE PLUG, MS-3126F-22-21P, SLAC S/N59-299-210-65. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.		12C20J, 19C16T3V, 26C16T3V
MS21S	TWENTY-ONE PIN CONNECTOR, FEMALE PLUG, MS-3126F-22-21S, SLAC S/N59-299-210-15. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.		19C16T3V, 26C16T3V
MS21SW	TWENTY-ONE PIN CONNECTOR, FEMALE PLUG, MS-3126F-22-21SW, KEYED IN THE 'W' POSITION, 16 DEGREES OFF CENTER. NOT IN SLAC STORES, USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY. WIRE IN COLOR CODE SEQUENCE. FOLD BACK THE UNUSED WIRES. SEE THE WIRE TYPE FOR THE COLOR CODE.	FF PROFILE MONITORS	26C16T3V

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS24PS	TWENTY-FOUR PIN CONNECTOR, MALE, STRAIGHT PLUG, SOLDER PINS, ITT-CANNON P/N MS3106A-24-28P.		12PR22SS
MS24SS	TWENTY-FOUR PIN CONNECTOR, FEMALE, STRAIGHT PLUG, SOLDER PINS, ITT-CANNON P/N MS3106A-24-28S.		12PR22SS
MS2411S	CONNECTORS, CIRCULAR, PLUG SOCKET, 97 SERIES, 9 CONTACTS, FEMALE 24 SHELL, ALUMINUM ALLOY BODY, 700 VDC/500 VRMS, SOLDER TERMINATION. NEWARK InOne PART No: 91F8349, MANUFACTURER: AMPHENOL, MANUFACTURER PART # 97-3106A-24-11S		
MS26P	TWENTY-SIX PIN CONNECTOR, MALE PLUG, MS-3126F-16-26P SLAC S/N59-299-210-59. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.	KICKER	26C16T3V
MS26PG	USE AN MS26P CONNECTOR, AND WIRE PER THE INSTRUCTIONS FOR THAT CONNECTOR. CONNECT A SHORT LENGTH OF #20 AWG STRANDED GREEN (ONLY) WIRE TO THE OVERALL SHIELD DRAIN WIRE, AND ATTACH THIS GREEN WIRE TO THE SHELL OF THE CONNECTOR, USING AN LRR#6 LUG UNDER ONE SCREW OF THE CABLE CLAMP.		15PR22OS
MS26S	TWENTY-SIX PIN CONNECTOR, FEMALE PLUG, MS-3126F-16-26S, SLAC S/N59-299-210-09. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.	KICKER,LIMIT SW	26C16/3V, 13PR22OS, 12C22T3V, 15PR22OS
MS26SA	TWENTY-SIX PIN CONNECTOR, FEMALE PLUG, SOLDER CONNECTIONS. ITT-CANNON, P/N MS3106F-28-12S		12C18OS
MS27P	TWENTY-SEVEN PIN CONNECTOR, MALE PLUG, SOLDER PINS, ITT-CANNON, P/N MS3106F-20-27P.		
MS32P	THIRTY-TWO PIN CONNECTOR, MALE PLUG, MS-3126F-18-32P, SLAC S/N 59-299-210-61. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.	KICKER/SSI	15PR22OS, 12PR22OS, 19C16T3V, 19PR24OS
MS32S	THIRTY-TWO PIN CONNECTOR, FEMALE PLUG, MS-3126F-18-32S, SLAC S/N59-299-210-11. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-7 AND STOP SL-2 ONLY.		19PR24OS,20C20OS
MS41P	FORTY-ONE PIN CONNECTOR, MALE PLUG, MS-3126F-20-41P, SLAC S/N59-299-210-64. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-6A AND STOP SL-3A ONLY.	HEADSET,INTERCOM	19PR22IS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
MS41S	FORTY-ONE PIN CONNECTOR, FEMALE PLUG, MS-3126F-20-41S, USE HAND CRIMPING TOOL M10S-1 WITH DIES-6A AND STOP SL-3A ONLY.	HEADSET, INTERCOM	19PR22IS
MTPFMMU	UNICAM MTP-COMPATIBLE, LASER-OPTIMIZED, 50 Um, MULTIMODE CONNECTOR, 12-FIBER BLACK HOUSING AND AQUA BOOT, NO (ALIGNMENT) PINS, (FEMALE). CORNING PART NUMBER 93-051-69-X		
MTPFSMU	UNICAM MTP-COMPATIBLE, SINGLE-MODE CONNECTOR, 12-FIBER GREEN HOUSING AND GREEN BOOT, NO (ALIGNMENT) PINS, (FEMALE). CORNING PART NUMBER 93-201-69		
N-PLIC	COAXIAL CONNECTOR, TYPE N PLUG TERMINATES ON ANDREWS HELIAX 1 5/8" HJ7-50A ANDREWS N-FEMALE P/N H7PNF NON TUNABLE. BCS MPS PLIC.		2.0HEL
NK-M8	EIGHT PIN CONNECTOR, MALE, AWG 8, PN:NK-M8-21C, STANDARD-K, MFR:PEI-GENESIS.		
N1/4HP	COAXIAL CONNECTOR, TYPE-N MALE, 1/4" FSJ1-50 HELIAX CABLE PLUG ANDREW CAT. #41W, #41ASW, #C41SW, F1PNM-H.		1/4HEL, 1/4HEL
N1/2HA	COAXIAL CONNECTOR, TYPE-N MALE 1/2" LDF4-50A CABLE PLUG ANDREW CAT. #L4PNM		1/2HELA
N1/2HC	COAXIAL CONNECTOR, TYPE N, MALE, ANDREWS P/N F4PNMV2-HC, 50 OHM SYSTEM: LCLS RF SYSTEM		1/2HEL
N1/2HD	COAXIAL CONNECTOR, TYPE-N, MALE, ANDREWS P/N 74AW, MODIFIED ACCORDING TO DRWG SA-236-041-14.		1/2HELGF
N1/2HG	COAXIAL CONNECTOR, TYPE-N, FEMALE, ANDREWS P/N 74AN, MODIFIED ACCORDING TO DRWG SA-236-041-14.		1/2HELGF
N1/2HJ	COAXIAL CONNECTOR, TYPE-N FEMALE JACK, 1/2" LDF4-50 HELIAX CABLE JACK. ANDREW CAT. #L44N. TERMINATE IN ACCORDANCE WITH ANDREW BULLETIN 373838.	RF SYSTEM	1/2HEL, 1/2HEL
N1/2HP	COAXIAL CONNECTOR, TYPE-N MALE, 1/2" LDF4-50 OR FSJ14-50B HELIAX CABLE PLUG. ANDREW CAT. #L44W OR 44ASW. TERMINATE IN ACCORDANCE WITH ANDREW BULLETIN 373838.	RF SYSTEM FEEDBACK CAVITY	1/2HEL, 1/2HEL

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
N1/2MJ	COAXIAL CONNECTOR, TYPE-N FEMALE, 1/2" FSJ4-50B HELIAX CABLE JACK, MODIFIED, ANDREW P/N 44ASN-15, REXOLITE INSERT.		1/2HELX4
N1/2MR	COAXIAL CONNECTOR, TYPE-N MALE, 1/2" FSJ4-50B HELIAX CABLE PLUG, ANDREW P/N 203540, REXOLITE INSERT.		1/2HELX4
N3/8HP	COAXIAL CONNECTOR, TYPE-N MALE, 3/8" LDF2-50 HELIAX CABLE PLUG. ANDREW CAT. #L42W, L2TNM-PL. TERMINATE IN ACCORDANCE WITH ANDREW BULLETIN #7576087 REV. C.		3/8HEL
N5/8HA	COAXIAL CONNECTOR, TYPE-N, FOR ANDREW LDF4.5-SERIES 5/8" ANNULAR-CORRUGATED HELIAX. ANDREW PART NUMBER: L4.5PNM-RC		
N7/8GF	COAXIAL CONNECTOR, TYPE-N FEMALE JACK, 7/8" HJ5-50 HELIAX CABLE JACK. ANDREW CAT. #H5PNF. TERMINATE IN ACCORDANCE WITH ANDREW BULLETIN 17925C.LION SYSTEM.		7/8HELGF
N7/8HJ	COAXIAL CONNECTOR, 7/8" LDF5-50 HELIAX CABLE FEMALE JACK. ANDREW CAT. #L45N. TERMINATE IN ACCORDANCE WITH ANDREW BULLETIN 37374C.	F SIG MLX, POS MONT, WALL(I)MONT	7/8HEL
N7/8HP	COAXIAL CONNECTOR, 7/8" LDF5-50 HELIAX CABLE MALE PLUG. ANDREW CAT. #L45W.		7/8HEL
N8-A	COAXIAL CONNECTOR, TYPE N CABLE PLUG, ANDREW CAT. #10804-101.USE TRIM CODE 402M.		RG58-A
N11	SAME CONNECTOR AS N213, BUT WIRE THE OUTER SHIELD OF THE RG-11 TO A BANANA JACK. SEE DWG. IC15.	DEC SYS	RG11TRI, RG11A
N58P	COAXIAL CONNECTOR TYPE N PLUG TERMINATES ON AN RG58 OR RG141 COAXIAL CABLE. AMPHENOL P/N 82-5375. USE CRIMPING TOOL CTL-3. USE DIE SET 227-1221-57.		
N200	COAXIAL CONNECTOR, TYPE "N" MALE PLUG, TIMES MICROWAVE SYSTEMS CAT. #TC-200-NM OR EQUIVALENT.	BPMS	LMR200, LMR200FR
N200BJ	COAXIAL CONNECTOR, TYPE N FEMALE BULK-HEAD JACK. CONNEX #172217. RF CONNECTORS RFN-1022-8-C2 OR EQUIVALENT.	BPMS	LMR200, LMR200FR

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
N213	COAXIAL CONNECTOR, TYPE N CABLE PLUG. KINGS CAT. NO. KN-59-67, KN-59-132 OR KN-59-202, SLAC S/N59-299-018-52. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2003 AND TRIM CODE 402M FOR KN-59-67 AND KN-59-132, AND DIE KTH-2004 AND TRIM CODE 480 FOR KN-59-202.	KICKER, GENERAL PURPOSE TRUNK.	R11TRI, RG213 RG8
N213MC	COAXIAL CONNECTOR, TYPE N CABLE PLUG. KINGS CAT. NO. KN-59-19, MODIFIED TO SPECIFICATIONS AS SHOWN ON DRAWING #CA-344-296-01 CONNECTOR TERMINATES AN RG8 COAXIAL CABLE. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2003. SEE DRAWING #CA-344-296-01 FOR CABLE TRIM CODE.	INJ. KICKER MODULATOR	RG8
N214	COAXIAL CONNECTOR, TYPE N CABLE PLUG. KINGS CAT. NO. KN-59-68, KN-59-104 OR KN-59-105, SLAC S/N59-299-018-53. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2004 AND TRIM CODE 402.	OPTL MONT	RG214
N214M	COAXIAL CONNECTOR, TYPE N CABLE PLUG. KINGS CAT. NO. KN-59-489, MODIFIED TO SPECIFICATIONS AS SHOWN ON DRAWING #CA-344-293-00. CONNECTOR TERMINATES AN RG8 COAXIAL CABLE. SEE DRAWING #CA-344-293-00 FOR CABLE TRIM CODE AND TERMINATION SPECIFICATION.	ABORT KICKER MODULATOR	RG8
N214-F	COAXIAL CONNECTOR, TYPE N CABLE JACK, KINGS CAT-# KN39-83, SLAC P/N 59-299-018-60. USE KINGS CRIMPING TOOL KHT-1000 WITH DIE KTH-2004 AND TRIM CODE 402M.		RG214
N214JB	COAX CONNECTOR, TYPE N CABLE JACK, BULKHEAD, KINGS 19-87, SLAC P/N59-299-018-64. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2004 AND TRIM CODE 402M.		RG214
N218	COAXIAL CONNECTOR, TYPE N CABLE PLUG, UG-167A/U, KINGS P/N KN-59-214.		RG218R
N223	COAXIAL CONNECTOR, TYPE N CABLE PLUG, KINGS K-GRIP JR, KINGS CAT-# KN-59-160, USE KINGS CRIMPING TOOL KTH-2061, JACKET TRIM JIG KTJ-108 AND DIELECTRIC TRIM JIG KTD-38.	FF BPM'S	RG223, RG223X4
N240	COAXIAL CONNECTOR, TYPE N MALE PLUG TIMES MICROWAVE SYSTEMS CAT# TC-240-NMH OR EQUIVALENT.	BPMS	LMR240, LMR240FR

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
N240BJ	COAXIAL CONNECTOR, TYPE N FEMALE BULK- HEAD JACK. TIMES MICROWAVE SYSTEMS CAT. #TC-240-NF-BHF , AMPHENOL #172149 OR EQUIVALENT.	BPMS, SRRL HIGH QUALITY	LMR240, LMR240FR
N400	COAXIAL CONNECTOR, TYPE N MALE PLUG TIMES MICROWAVE SYSTEMS CAT. #TC-400-NMH , EZ-400-NMH OR EQUIVALENT.	BPMS	LMR400, LMR400FR
N400BJ	COAXIAL CONNECTOR, TYPE N FEMALE BULK- HEAD JACK. TIMES MICROWAVE SYSTEMS CAT. #TC-400-NFBC-PE , EZ-400-NF-BH OR EQUIVALENT.	BPMS	LMR400, LMR400FR
N-50UV	COAXIAL CONNECTOR, TYPE N CABLE PLUG WATER PROTECTION ACCORDING TO IP67, UV PROTECTION, 50ohm, HUBER+SUHNER Man P/N 11 N-50-10-5/103 UV USED FOR THE WPM RF SIGNAL		WPMCOAX
N600	COAXIAL CONNECTOR, TYPE N MALE PLUG TIMES MICROWAVE SYSTEMS CAT. # EZ-600-NMH-D OR EQUIVALENT.	BPMS	LMR600, LMR600FR
N600BJ	COAXIAL CONNECTOR, TYPE N FEMALE BULK- HEAD JACK. TIMES MICROWAVE SYSTEMS CAT. #EZ-600-NF-BH OR EQUIVALENT.	BPMS	LMR600, LMR600FR
OPAL-Y	SLAC MADE POWER CABLE TO FEED AN OPAL 1000 CAMERA AND A EDT RCX CAMERALINK TO FIBER CONVERTER. DETAILS FOR THE OPAL-Y CONNECTIONS ARE SHOWN IN DRAWING CA-261-801-31 .		
OPTIC	THIS CONNECTOR IS AN OVERALL NAME OF THE CONNECTOR THAT THE FACTORY INSTALLS ON A FIBER OPTIC CABLE. THIS CONNECTOR IS TO BE INSTALLED BY QUALIFIED PERSONNEL ONLY.	SLD POLARIMETER FIBER OPTICS	FIBOPT1
PC10TB-F	TEN PIN FEMALE CONNECTOR, SILVER PLATED PINS WITH DIAMETER OF 1MM LOCATED INSIDE OF CERAMIC ISOLATOR. MFG: RUSKIE.	MAG_PROBES	
PC10TB-M	TEN PIN MALE RECEPTACLE, SILVER PLATED PINS WITH DIAMETER OF 1MM LOCATED INSIDE OF CERAMIC ISOLATOR. MFG: RUSKIE.	MAG_PROBES	
PC32TB-F	THIRTY TWO PIN FEMALE CONNECTOR, SILVER PLATED PINS WITH DIAMETER OF 1MM LOCATED INSIDE OF CERAMIC ISOLATOR. MFG: RUSKIE.	MAG_PROBES	

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PC32TB-M	THIRTY TWO PIN MALE RECEPTACLE, SILVER PLATED PINS WITH DIAMETER OF 1MM LOCATED INSIDE OF CERAMIC ISOLATOR. MFG: RUSKIE.	MAG_PROBES	
PHONE	PHONE PLUG, 3/32" DIAMETER, 2 CONTACTS, RADIO SHACK ARCHER P/N 274-279.		
PHON-R	RIGHT ANGLE PHONE PLUG, 1/4" DIAMETER, TWO CONTACTS, TYPE NP2RC-BAG, NEWARK CAT. #89F6034.		
PHXQP1	ONE POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE:QP 1.5/1(BU OR GN/YE) ORDER NUMBER: 3051108, (3051250, or 3051263). **DO NOT USE TEFLON WIRE **		
PHXQP2	TWO POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER.DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/2 ORDER NUMBER: 3051111. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PHXQP3	<p>THREE POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE.MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/3 ORDER NUMBER: 3051124. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **</p>		
PHXQP4	<p>FOUR POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/ TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/4 ORDER NUMBER: 3051137. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **</p>		
PHXQP5	<p>FIVE POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/5 ORDER NUMBER: 3051140. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **</p>		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PHXQP6	SIX POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/6 ORDER NUMBER: 3051153. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **		
PHXQP7	SEVEN POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/7 ORDER NUMBER: 3051166. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **		
PHXQP8	EIGHT POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/ TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/8 ORDER NUMBER: 3051179. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PHXQP9	<p>NINE POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QP 1.5/9 ORDER NUMBER: 3051182. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS.**DO NOT USE TEFLON WIRE **</p>		
PHXQP10	<p>TEN POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/ TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT.TYPE: QP 1.5/10 ORDER NUMBER: 3051195. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **</p>		
PHXQP11	<p>ELEVEN POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT TYPE: QP 1.5/11 ORDER NUMBER: 3051205. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS. **DO NOT USE TEFLON WIRE **</p>		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PHXQP12	<p>TWELVE POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT TYPE: QP 1.5/12 ORDER NUMBER: 3051218.</p> <p>SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS.**DO NOT USE TEFLON WIRE **</p>		
PHXQP13	<p>THIRTEEN POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT TYPE: QP 1.5/13 ORDER NUMBER: 3051221.</p> <p>SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS.**DO NOT USE TEFLON WIRE **</p>		
PHXQP14	<p>FOURTEEN POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT TYPE: QP 1.5/14 ORDER NUMBER: 3051234.</p> <p>SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS.**DO NOT USE TEFLON WIRE **</p>		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PHXQP15	<p>FIFTEEN POSITION CONNECTOR, "COMBI" TYPE PLUG, "QUICKCON" INSULATION DISPLACEMENT TERMINATION. WIRE RANGE: 24-16 AWG. PIN NUMBERING STARTS FROM LEFT AT 1 WITH COMBI CONNECTOR KEYS FACING USER. SEE PIN LIST FOR CONDUCTOR ASSIGNMENT OR DETAILED ASSEMBLY/TERMINATION DRAWING NUMBER. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH CONNECTOR BODY AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT TYPE: QP 1.5/15 ORDER NUMBER: 3051247. SEE "SELF-ASSEMBLED COMBI PLUGS WITH FAST CONNECTION" SECTION OF PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL CONFIGURATION OPTIONS.</p> <p>**DO NOT USE TEFLON WIRE **</p>		
PHXTB2	<p>TWO POSITION TERMINAL BUS, DIN RAIL MOUNT, 10MM BOLT DIAMETER RING LUG TERMINATION, WIRE SIZE: 6 AWG TO 1/0 AWG. PHOENIX CONTACT TYPE: UHV 50-AS/AS, P/N: 2130017 .</p>		
P15QTC	<p>ONE POSITION TERMINAL BLOCK, DIN RAIL MOUNT, WIRE RANGE: 24-16AWG,(QTC 1,5), TERMINATE CONDUCTOR TO SPECIFIED"QUICKCON" INSULATION DISPLACEMENT CONNECTOR ON TERMINAL BLOCK. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH TERMINAL BLOCK AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QTC 1,5(BU OR -PE) ORDER NUMBER: 3205019, (3205022, OR 3205035). SEE PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL TERMINAL BLOCK OPTIONS THAT INCLUDE "QUICKCON" INSULATION DISPLACEMENT CONNECTION.</p> <p>**DO NOT USE TEFLON WIRE **</p>		
P25QTC	<p>ONE POSITION TERMINAL BLOCK, DIN RAIL MOUNT, WIRE RANGE: 20-14AWG,(QTC 2,5), TERMINATE CONDUCTOR TO SPECIFIED"QUICKCON" INSULATION DISPLACEMENT CONNECTOR ON TERMINAL BLOCK. DO NOT STRIP CONDUCTOR. 3/4-INCH INSERTION LENGTH. USE SCREWDRIVER IN RECTANGULAR HOLE TO ROTATE ORANGE WIRE ENTRY BLOCK FULLY FLUSH WITH TERMINAL BLOCK AND LOCK CONDUCTOR IN PLACE. MANUFACTURER: PHOENIX CONTACT. TYPE: QTC 2,5(BU OR -PE) ORDER NUMBER: 3209416, (3206429, OR 3206432). SEE PHOENIX CONTACT "CLIPLINE" CATALOG FOR ADDITIONAL TERMINAL BLOCK OPTIONS THAT INCLUDE "QUICKCON" INSULATION DISPLACEMENT CONNECTION.**DO NOT USE TEFLON WIRE **</p>		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PLB06P	6 PIN, 2 ROW, MALE CONNECTOR, TOP OPENING HOOD. POSITRONIC INDUSTRIES, CODE NUMBER PLB06M0050.		
PLB06S	6 PIN, 2 ROW, FEMALE CONNECTOR, TOP OPENING HOOD. POSITRONIC INDUSTRIES, CODE NUMBER PLB06F0050.		
PLC30P	30 PIN, 3 ROW, MALE CONNECTOR, TOP OPENING HOOD. POSITRONIC INDUSTRIES, CODE NUMBER PLC30M0050.		
PLC30S	30 PIN, 3 ROW, FEMALE CONNECTOR, TOP OPENING HOOD. POSITRONIC INDUSTRIES, CODE NUMBER PLC30F0050.		
POS19PS	CONNECTOR, POSITRONIX FRONT RUNNER SERIES, SIZE 19 HOUSING, FREE IN LINE MALE CONTACTS W/PLUGHOUSING, 19 PINS-SIZE 20, EMI/RFI SHIELDED SERVICE CLASS, SHORT-STRAIGHT EMI/RFI CABLE ADAPTOR HOOD. POSITRONIX PART NUMBER - FR19MP1920M6.(USES SIZE 20 REMOVABLE MALE (PIN) CONTACTS P/N MC720N3)		
POS19RS	CONNECTOR, POSITRONIC FRONT RUNNER SERIES, SIZE 19 HOUSING, FREE IN LINE FEMALE CONTACTS W/PLUGHOUSING, 19 PINS-SIZE 20, EMI/RFI SHIELDED SERVICE CLASS, SHORT-STRAIGHT EMI/RFI CABLE ADAPTOR HOOD. POSITRONIC PART NUMBER - FR19FP1920M6(USES SIZE 20 REMOVABLE FEMALE (PIN) CONTACTS P/N FC720N2)		
PP50G	CONNECTOR, MALE, 50 A, 125-250 VOLT AC OR DC CURRENT RUPTURING. SUPERIOR ELECTRIC CAT-# PP50GB.		
PP75-B	ANDERSON POWERPOLE 75 AMP LOCKING CONNECTOR, PP75 LOCKING HOUSING 75LOKBLK "BLACK" MCORS, TSP, QMS.		
PP75-R	ANDERSON POWERPOLE 75 AMP LOCKING CONNECTOR, PP75 LOCKING HOUSING 75LOKRED "RED" MCORS, TSP, QMS.		
PP100G	CONNECTOR, MALE, 100A, 125-250 VOLTS AC OR DC CURRENT RUPTURING. SUPERIOR ELECTRIC CAT-# PP100GB.		#1-AL
PP180A	CONNECTOR PLUG, MALE, 18AMP P/N 1381G1 (BLACK), 1381G2 (WHITE). USEP/N 1383 CONTACT FOR #2 AWG.	MCOR	#2
PP180-B	ANDERSON POWERPOLE 180AMP CONNECTOR, PP180 SERIES HOUSING 1381G1 "BLACK"	MCOR	

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
PP180C	ANDERSON POWERPOLE 180AMP CONTACT, 1/0 WIRE SIZE USE WITH PP180 SERIES HOUSING, ANDERSON POWER P/N 1382.	MCOR	#1/0-FLEX
PP180-R	ANDERSON POWERPOLE 180AMP CONNECTOR, PP180 SERIES HOUSING 1381G3 "RED"	MCOR	
PPR8	8 POLE RECEPTACLE, ANDERSON POWERPOLE CAT. #1454G1 POWERPOLE PAK RECEPTACLE.	MCOR DC OUT	2C120S
PREFAB	CABLE AND CONNECTOR DETAILS ARE PROVIDED BY OUTSIDE VENDOR.		
PS50/2	CONNECTORS RS50G & PP50G ARE USED. WIRE AS FOLLOWS: RS50G TO "R" & PP50G TO "G".		
PT8S	8 PIN CONNECTOR, FEMALE, BENDIX P/N PT06A-X-8S	SLMO	4PR220S
PUSHON	THIS INDICATES A CONNECTION WHERE THE WIRE IS PUSHED ONTO THE TERMINATION POINT AS PART OF THE FIELD INSTALLATION OF A CABLE.		19PR22IS
RG58C/U	COAXIAL CONNECTOR, SLEEVE, CONTACT, F/COAXIAL, KINGS K-GRIP (FERRULE), PART No. 1205-19-5 FOR CRIMPING USE DIE SIZE 42. SLAC S/N <u>59-299-009-01</u> .		
RG-6QS	CONTROLNET BNC PLUG RG-6QS USE 1786-CTK TOOLKIT WITH 2082 DIE SET AND CRIMP SETTING OF 4 ALLEN BRADLEY PN# 1786-BNC/B.	CONTROLNET	RG6-QF
RJ12	SIX PIN CONNECTOR WITH ONE PIECE CONSTRUCTION AND PRELOADED CONTACTS. RATED 150V @1.5 MAX. AMP P/N# 5.5551777-3 OR EQUIVALENT.		
RJ45	EIGHT PIN CONNECTOR WITH ONE PIECE CONSTRUCTION AND PRELOADED CONTACTS. RATED 250 VAC@2A MAX. TENSILE STRENGTH (CABLE TO PLUG) 20 LBS. AMP P/N#5.641339-3 OR EQUIVALENT.		
RS50G	CONNECTOR, FEMALE, 50A, 125-250 VOLT AC OR DC CURRENT RUPTURING. SUPERIOR ELECTRIC CAT-# RS50GWT.		
RS100G	CONNECTOR, FEMALE, 100A, 125-250 VOLTS AC OR DC CURRENT RUPTURING. SUPERIOR ELECTRIC CAT-# RS100GWT.		#1-AL

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
RTDS	SPECIAL THREE PIN FEMALE CONNECTOR, WHITE SHELL. MATES WITH RTD-MOUNTED PLUG. OMEGA P/N OPT-U-F.		2PR24IS
S1/2RP	COAXIAL CONNECTOR FOR 1/2" SEMI-RIGID JT-4500 SERIES COAXIAL CABLE. GILBERT PART NO. GRS-500-CH-DU-03. SEE THE GILBERT CATALOG FOR TRIM AND ASSEMBLY INSTRUCTIONS.	CATV SYSTEM	1/2"RD, 1/2"RDB
S3/4RP	COAXIAL CONNECTOR FOR 3/4" SEMI-RIGID JT-4750 SERIES COAXIAL CABLE. GILBERT PART NO. GRS-750-CH-DU-01.SEE THE GILBERT CATALOG FOR TRIM AND ASSEMBLY INSTRUCTIONS.	CATV SYSTEM	3/4"RGD
SC	FIBER OPTIC CONNECTOR. TYPE 'SC' UNICAM CONNECTOR, CERAMIC TIP,ROTATING CAM; INSERTION LOSS: 0.3Db TYPICAL; NOMINAL FIBER O.D.:125um; MFG SIECOR, MULTIMODE P/N 95-000-41, SINGLEMODE P/N 95-200-41.		
SC760	SWITCHCRAFT LOW VOLTAGE POWER CONNECTOR. CONNECTOR IS FEMALE TYPE WITH A 2.1 MM CENTER HOLE AND BLACK SHIELD. DISTRIBUTOR ALLIED INDUSTRIES POWER PLUG MFR. PART#: 760 ALLIED STOCK#: 932-0760		
SCS760	SWITCHCRAFT LOW VOLTAGE POWER CONNECTOR. CONNECTOR IS FEMALE TYPE WITH A 1.6 MM CENTER HOLE AND BLACK SHIELD. DISTRIBUTOR ALLIED INDUSTRIES POWER PLUG MFR. PART#: S760 ALLIED STOCK#: 932-9999		
SCSI-2	FIFTY PIN CONNECTOR. SHIELDED PLUG WITH ASSEMBLED STANDARD TERMINATION COVERS. AMPLIMITE SERIES III THERMOPLASTIC, MFG AMP P/N 749111-4.		
SHV-C	COAXIAL CONNECTOR, 5KV, SHV CABLE PLUG, KINGS NO. 1705-16-M06, SLAC S/N 59-299-035-16 FOR THE STANDARD TYPE INSULATION MATERIAL. KINGS NO. 1705-16-11, SLAC S/N 59-299-035-15 FOR THE REXOLITE INSULATION TYPE. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2061 AND TRIM CODE 441.		TYPE-C
SHV-10K	COAXIAL PLUG CONNECTOR FOR DC CONNECTIONS ONLY. RATED UP TO 10KV OF DC, TYPICAL PART: KINGS ELECTRONICS: 1065-2. http://www.kingselectronics.com/Portals/0/SalesPDF/1065-2_SD.pdf		
SHVMOD	SLAC BUILT HV CONNECTOR. USED ON 1/4" HELB HELIAX CABLE. USED BY CONTROLS DEPARTMENT.		1/4" HELB

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
SHV58	COAXIAL CONNECTOR, SHV CABLE PLUG, 5KV. KINGS NO. 1705-2, SLAC S/N59-299-035-11. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2061 AND TRIM CODE 441.	FAST SENSOR	RG58R
SHV59J	COAXIAL CONNECTOR, 5KV, SHV BULKHEAD JACK. KINGS NO. 1702-1, SLAC S/N59-299-035-68. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2062 AND TRIM CODE 441.		RG59R
SHV59	COAXIAL CONNECTOR, 5KV, SHV CABLE PLUG. KINGS NO. 1705-1, SLAC S/N 59-299-035-12. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2062 AND TRIM CODE 418.		RG59R
SHV214	COAXIAL CONNECTOR 5KV, SHV CABLE PLUG, KINGS CAT#1705-4, SLAC S/N59-299-035-14. USE KING CRIMPING TOOL KTH-1000 WITH DIE KTH-1079 AND TRIM CODE 457.		
SL1808B	EIGHT PIN CONNECTOR, PC BOARD TO CABLE, TWO PIECE SNAP LOCK DESIGN. SOLDER TO PC BOARD. CABLE END TERMINATES TO CONNECTOR WITH INTEGRATED SET SCREWS. WEIDMULLER CAT#123676. USED FOR REVERSING SWITCH CONTROLLER.		
SLAC7	SLAC BUILT SEVEN PIN CONNECTOR. USED TO MONITOR THE POWER SUPPLIES IN A NIM CRATE. USED BY SLAC CONTROLS DEPT.		4PR220S
SMA3/8H	COAXIAL CONNECTOR, TYPE SMA, MALE. ANDREWS P/N E2TSM, SMA STRAIGHT MALE CONNECTOR FOR EFX2-50, LDF2-50 SYSTEM: LCLS RF SYSTEM.		EFX2RN-50 LDF2-50(3/8HELFSF)
SMA58	COAXIAL CONNECTOR, SMA STRAIGHT CABLE PLUG. SEAELECTRO NO. 50-624-9141-31 OR OMNI/SPECTRA P/N 2036-5014-00, MOD. #636-2A.	FFTb VAC	RG58
SMA214	TERMINATE CABLE USING AN N214-F CONNECTOR, THEN INSTALL AN SMA/N ADAPTER.	SPECIAL BPM CABLES	EG214
SMA223	COAXIAL CONNECTOR, SMA STRAIGHT CABLE PLUG. SEAELECTRO NO. 50-622-9142-31 OR CABLEWAVE NO.545-001 OR SOLITRON NO. 2900-6001, KINGS NO. 875-5-3, USE CRIMPING DIE SET KTH-2001, JACKET TRIM JIG KTJ-78, DIELECTRIC TRIM JIG KTD-116, TRIM CODE 432. SLAC S/N59-299-040-01.	BEAM POSITION MONITORS	RG223X4
SMA240	TYPE SMA MALE PLUG CONNECTOR FOR LMR-240 STAINLESS STEEL W/ GOLD PLATED BERYLLIUM COPPER 50 OHMS 1000 VOLTS(RMS MAX)1.25:1 UP TO 2 GHz.		LMR240

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
SMA/N	ADAPTER, SMA FEMALE TO N FEMALE, PANEL MOUNT (BULKHEAD ADAPTER), PASTERNAK ENTERPRISES CAT-# PE-9104.	SLC FF BPM'S	RG223, RG214
SMR223	COAXIAL CONNECTOR, SMA RIGHT ANGLE CABLE PLUG. SELECTRO NO.50-628-9142-30 OR CABLEWAVE NO. 555-001 OR SOLITRON NO. 2910-6001, KINGS NO. 876-11-3, USE CRIMPING DIE SET KTH-2001, JACKET TRIM JIG KTJ-78, DIELECTRIC TRIM JIG KTD-116, TRIM CODE 432. NOT IN STORES.	BEAM POSITION MONITORS	RG223, RG223X4
SMS9P	NINE PIN CONNECTOR, MALE, BURNDY P/N SMS-9P-1		
SMS12P	TWELVE PIN CONNECTOR, MALE, BURNDY P/N SMS-12P-1		
SOLDER	THIS INDICATES A CONNECTION WHERE THE INDICATED WIRE IS SOLDERED DIRECTLY TO THE INDICATED TERMINATION POINT, AS PART OF THE FIELD INSTALLATION OF THE INDICATED CABLE.		27PR220S, 1PR200S, 12PR22SS
SP1/2H	COAXIAL SPLICE FOR 1/2" LDF4-50 HELIAX CABLE. ANDREW CAT. NO. L44Z. CONNECT IN ACCORDANCE WITH ANDREW BULLETIN 37384.	CABLE SPLICES	1/2HEL, 1/2HEL5
SP7/8H	COAXIAL SPLICE FOR 7/8" LDF5-50 HELIAX CABLE. ANDREW CAT. NO. L45Z. CONNECT IN ACCORDANCE WITH ANDREW BULLETIN 37381.	CABLE SPLICES	7/8HEL
SPEC	THIS TYPE OF TERMINATION IS USED ONLY FOR SPECIAL PULSED COAXIAL CABLE CONNECTIONS, SUCH AS KICKER HIGH VOLTAGE CONNECTIONS. ONLY SYSTEM SPECIALISTS ARE TO TERMINATE AND MAKE CONNECTIONS.		
S&T	THIS INDICATES A WIRE IS STRIPPED AND TINNED AND CONNECTED TO THE DESIGNATED POINTS.		
ST	FIBER OPTIC CONNECTOR. TYPE 'ST' UNICAM CONNECTOR, CERAMIC TIP, ROTATING CAM; INSERTION LOSS: 0.3Db TYPICAL; NOMINAL FIBER O.D.:125um; MFG SIECOR, MULTIMODE P/N 95-000-51, SINGLEMODE P/N 95-200-51.		
STARCEL	SPECIAL CONNECTOR, HIGH VOLTAGE FOR VARIAN ION PUMP. MFG: GAMMA VACUUM, ADDRESS: 2915 133RD STREET WEST, SHAKOPEE, MN 55379. MFG P/N 380101		TYPE-C

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
STRIP	THIS INDICATES A CONNECTION WHERE THE INDICATED WIRE IS STRIPPED TO THE PROPER LENGTH, INSERTED INTO THE TERMINAL AND THE SCREW TIGHTENED TO MANUFACTURE SPECIFIED TORQUE, AS PART OF THE FIELD INSTALLATION OF THE INDICATED CABLE, ALUMINUM WIRES <u>MUST</u> BE INSTALLED USING AN OXIDE INHIBITING ELECTRICAL JOINT COMPOUND (SEE GENERAL NOTE #8 AT THE BEGINNING OF THIS DOCUMENT).		250MCM, 350MCM, 500MCM, #4/0, #6-, #8-, #10-, #12-, 2C14TYR, THRM-CU
STRP-A	STRIP 3/8 OF AN INCH OF INSULATION FROM THE ENDS OF THE PAIR WIRES. USING THE WIRE COLOR-CODE FROM TABLE 1, CONNECT THE FIRST WIRE OF THE PAIR TO THE '+' POINT, THE SECOND WIRE TO THE '-' POINT, AND THE SHIELD TO THE 'G' POINT.		
TC-CAKP	TWO PIN, MALE, 'K-TYPE' THERMOCOUPLE CONNECTOR. OMEGA CAT. #SMPW-CC-K-M. SCREW TENSION CONNECTIONS, BEIGE SHELL, COMPENSATING ALLOY IN CONNECTOR IS '+' = CHROMEGA (YELLOW WIRE) AND '-' = ALUMEL (RED WIRE).		
TC-CCF	TWO PIN FEMALE CONNECTOR, FLAT TERMINALS, SCREW TENSION CONNECTIONS, COLOR OF SHELL IS BLUE, COMPENSATING ALLOY USED IN CONNECTOR IS '+' = COPPER, '-' = CONSTANTAN. OMEGA CAT. #SMP-T-F.		
TC-CCM	TWO PIN MALE CONNECTOR, FLAT TERMINALS, SCREW TENSION CONNECTIONS, COLOR OF SHELL IS BLUE, COMPENSATING ALLOY USED IN CONNECTOR IS '+' = COPPER, '-' = CONSTANTAN. OMEGA CAT. #SMPW-CC-T-M.		
TC-CCP	TWO PIN MALE THERMOCOUPLE CONNECTOR, OMEGA CAT. #OST-T-M, SCREW TENSION CONNECTIONS, COLOR OF SHELL BLUE, COMPENSATING ALLOY USED IN CONNECTOR IS '+' = COPPER, '-' = CONSTANTAN.		1PR28CC
TC-CCS	TWO PIN FEMALE THERMOCOUPLE CONNECTOR, OMEGA CAT-# OST-T-F, SCREW TENSION CONNECTIONS, COLOR OF SHELL BLUE, COMPENSATING ALLOY USED IN CONNECTOR IS '+' = COPPER, '-' = CONSTANTAN.		1PR28CC
TC-JNC	COPPER AND CONSTANTAN CONDUCTORS ARE STRIPPED BACK APPROX. ONE INCH AND ELECTRICALLY WELDED TOGETHER ON THE VERY END TO FORM A THERMOCOUPLE JUNCTION. COMPLETED TC IS FASTENED INTO PLACE WITH NON-CONDUCTIVE EPOXY AND WRAPPED WITH GLASS TAPE.		1PR28CC

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TC-SLV	COPPER AND CONSTANTAN CONDUCTORS ARE STRIPPED BACK APPROX. ONE INCH AND WIRE WRAPPED ONTO EXISTING COPPER CONSTANTAN PIGTAILS ON DISK LOADED WAVEGUIDE. A SOLDER SLEEVE IS SOLDERED OVER EACH INDIVIDUAL CONDUCTOR AT THE WIRE WRAP. INSULATE FINISHED CONNECTIONS WITH SHRINK TUBING.		1PR28CC
TCMS04S	FOUR PIN, FEMALE, 'K-TYPE', 350 DEG CELCIUS BAKEABLE, THERMOCOUPLE CONNECTOR. ISI CONNECTORS P/N: 9923038. COMPENSATING ALLOY IN CONNECTOR IS '+' = CHROMEL (YELLOW WIRE) AND '-' = ALUMEL (RED WIRE).		
TNC58	COAXIAL CONNECTOR, TNC CABLE PLUG. KINGS CAT. NO. KA-59-44 OR KA-59-103, SLAC S/N59-299-016-51. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2001 AND TRIM CODE 401.	RF SYSTEM	RG58
TNC223	COAXIAL CONNECTOR, TNC CABLE PLUG. KINGS CAT. NO. KA-59-45 OR KA-59-87. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2001 AND TRIM CODE 401.	OSC FANOUT	RG223
TCA02ADN	SEE TERMINAL PLUG CODE DEFINITION AT THE BEGINNING OF THIS SECTION. MFG: PHOENIX CONTACT, P/N: 1881325 , DESCRIPTION: COMBICON, FK-MC 0,5/2-ST-2.5 OR EQUIVALENT.		
TCA06ADN	SEE TERMINAL PLUG CODE DEFINITION AT THE BEGINNING OF THIS SECTION. MFG: PHOENIX CONTACT, P/N: 1881367 , DESCRIPTION: COMBICON, FK-MC 0,5/6-ST-2.5 OR EQUIVALENT.		
TCA12ADN	SEE TERMINAL PLUG CODE DEFINITION AT THE BEGINNING OF THIS SECTION. MFG: PHOENIX CONTACT, P/N: 1881422 , DESCRIPTION: COMBICON, FK-MC 0,5/12-ST-2.5 OR EQUIVALENT.		
TCC02AAS	SEE TERMINAL PLUG CODE DEFINITIONS AT THE BEGINNING OF THIS TERMINATION DESCRIPTION SECTION. VARIOUS MANUFACTURERS.		
TCC03AAN	SEE TERMINAL PLUG CODE DEFINITIONS AT THE BEGINNING OF THIS TERMINATION DESCRIPTION SECTION. VARIOUS MANUFACTURERS.		
TCC08ABN	SEE TERMINAL PLUG CODE DEFINITIONS AT THE BEGINNING OF THIS TERMINATION DESCRIPTION SECTION. MFG: PHOENIX CONTACT, P/N: 1803633, DESCRIPTION: COMBICON, MC 1.5/8-ST-3.81 OR EQUIVALENT.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TCE08ABN	SEE TERMINAL PLUG CODE DEFINITIONS AT THE BEGINNING OF THIS TERMINATION DESCRIPTION SECTION. MFG: PHOENIX CONTACT, P/N: 1757077, DESCRIPTION: COMBICON, MSTB 2.5/8-ST-5.08 OR EQUIVALENT. MFG: WEIDMULLER, P/N:1716380000, DESCRIPTION:BL 5.08/08.		
TCC10AAS	SEE TERMINAL PLUG CODE DEFINITIONS AT THE BEGINNING OF THIS TERMINATION DESCRIPTION SECTION. VARIOUS MANUFACTURERS.		
TE2S	TWO PIN CONNECTOR, FEMALE, CRIMP CONNECTIONS. TE CONNECTIVITY P/N: 177898-1. (SEE INFORMATION PAGE 62)		
TE12S	TWELVE PIN CONNECTOR, FEMALE, CRIMP CONNECTIONS. TE CONNECTIVITY P/N: 917354-1. (SEE INFORMATION PAGE 76)		
TT4P	FOUR PIN MALE CONNECTOR, BURNDY TYPE "TRIM-TRIO", CAT. NO.G6F-10-4-PNE, SLAC S/N59-299-206-01. FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.	CHOPPER	2C22MS,1PR22OS, 7C22OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT4PR	<p>FOUR PIN MALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO.GOB-10-4-PNE, SLAC S/N<u>59-299-406-01</u>. FOR #16-20 WIRE, USE BURNDY CONTACT RM16M-23D28, SLAC S/N<u>59-299-801-07</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE BURNDY CONTACT RM20M-12D28, SLAC S/N<u>59-299-801-05</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE BURNDY CONTACT RM24M-9D28, SLAC S/N<u>59-299-801-12</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>	CHOPPER,MAG PS	2C22MS,2PR22OS 1PR20OS,4C20OS
TT4S	<p>FOUR PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO.,G6F-10-4-SNE, SLAC S/N <u>59-299-206-02</u>. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N<u>59-299-801-08</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N<u>59-299-801-06</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N<u>59-299-801-11</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>	CHOPPER,MAG PS	2C22MS,2PR22OS, 1PR20OS,4C20OS
TT4SR	<p>FOUR PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO.GOB-10-4-SNE, SLAC S/N<u>59-299-406-02</u>. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N<u>59-299-801-08</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N<u>59-299-801-06</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N<u>59-299-801-11</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>	CHOPPER,MAG PS	2C22MS,2PR22OS, 1PR20OS,4C20OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT4SW	<p>FOUR PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO.G6F-10-4-SWE, (NOTE OFFSET KEYING). NOT A SLAC STORES ITEM.</p> <p>FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N 59-299-801-06.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>	RTD	2PR24IS
TT8P	<p>EIGHT PIN MALE CONNECTOR, BURNDY TYPE "TRIM-TRIO", CAT. NO.G6F-12-88-PNE, SLAC S/N59-299-206-03.</p> <p>FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		3PR24IS,4PR18TC, 8C18OS

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT8PR	<p>EIGHT PIN MALE CHASSIS-MOUNT CONNECTOR, BURNDY TYPE "TRIM-TRIO" CAT. NO. G0B-12-88-PNE, SLACS/N59-299-406-03. FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N <u>59-299-801-07</u>. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>	LVDT	3PR24IS,4PR22IS
TT8S	<p>EIGHT PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO",CAT. NO. G6F-12-88-SNE, SLAC S/N59-299-206-04. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>	RF SYS	2C22MS,8C18OS, 4PR18TC
TT8SR	<p>EIGHT PIN FEMALE CHASSIS-MOUNT CAT. NO. G0F-12-88-SNE, SLAC S/N59-299-406-04. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		4PR18TC

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT12P	<p>TWELVE PIN MALE CONNECTOR, BURNDY TYPE "TRIM-TRIO", CAT. NO. G6F-14-92-PNE, SLAC S/N59-299-206-05.</p> <p>FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		1PR220S, 12C16/3V 12C18/3V
TT12PR	<p>TWELVE PIN MALE RECEPTACLE, BURNDY TYPE "TRIM TRIO" CAT.NO. GOB1492PNE, SLAC S/N59-299-406-06.</p> <p>FOR #16-20 WIRE, USE BURNDY CONTACT RC16M-23, SLAC S/N59-299-801-07.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE BURNDY CONTACT RC20M-12, SLAC S/N59-299-801-05.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE BURNDY CONTACT RC24M-9, SLAC S/N59-299-801-12.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		12C180S

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT12S	<p>TWELVE PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO.G6F-14-92-SNE, SLAC S/N59-299-206-06.</p> <p>FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		6PR220S, 7C18TC, 1PR200S, 12C16/3V
TT12SR	<p>TWELVE PIN FEMALE RECEPTACLE, BURNDY TYPE "TRIM TRIO" CAT" GOB1492SNE, SLAC S/N59-299-406-05.</p> <p>FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		12C180S

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT19P	<p>NINETEEN PIN MALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO. G6F-16-19-PNE, SLAC S/N59-299-206-07.</p> <p>FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		1PR220S,19C18/3V, 12C16T3V
TT19PR	<p>NINETEEN PIN MALE RECEPTACLE, BURNDY TYPE "TRIM TRIO" CAT. NO. GOB1619PNE,SLAC S/N59-299-406-07.</p> <p>FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		12C180S

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT19S	<p>NINETEEN PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO., G6F-16-19-SNE, SLAC S/N59-299-206-08.</p> <p>FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		<p>12C180S,11PR220S, 19C16T3V,19C18T3V, 12C18T3V</p>
TT19SR	<p>NINETEEN PIN FEMALE RECEPTACLE, BURNDY TYPE "TRIM TRIO" CAT. NO. GOB1619SNE,SLAC S/N59-299-406-08.</p> <p>FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY.</p> <p>FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY.</p> <p>FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11.</p> <p>USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT22P	<p>TWENTY-TWO PIN MALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO. G6F-18-22-PNE, SLAC S/N59-299-206-09. FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		
TT22S	<p>TWENTY-TWO PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO. G6F-18-22-SNE, SLAC S/N59-299-206-10. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT30P	<p>THIRTY PIN MALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO. G6F-20-30-PNE, SLAC S/N59-299-801-11. FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N 59-299-801-05. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		
TT30S	<p>THIRTY PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO. G6F-20-30-SNE, SLAC S/N59-299-206-12. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N59-299-801-08. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.</p>		15PR220S

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TT38P	THIRTY-EIGHT PIN MALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO., G6F-22-38-PNE, SLAC S/N 59-299-206-13. FOR #16-20 WIRE, USE CONTACT RM16M-23, SLAC S/N59-299-801-07. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RM20M-12, SLAC S/N59-299-801-05. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RM24M-9, SLAC S/N59-299-801-12. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.		
TT38S	THIRTY-EIGHT PIN FEMALE CONNECTOR, BURNDY TYPE "TRIM TRIO", CAT. NO. G6F-22-38-SNE, SLAC S/N59-299-206-14. FOR #16-20 WIRE, USE CONTACT RC16M-23, SLAC S/N 59-299-801-08. USE HAND CRIMPING TOOL M10S-1 WITH DIE S3-1 AND STOP SL-39 ONLY. FOR #20-22 WIRE, USE CONTACT RC20M-12, SLAC S/N59-299-801-06. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-10 AND STOP SL-40 ONLY. FOR #24-26 WIRE, USE CONTACT RC24M-9, SLAC S/N59-299-801-11. USE HAND CRIMPING TOOL M10S-1 WITH DIE S-9 AND STOP SL-40 ONLY.		
TX22	TWINAX CONNECTOR, CABLE PLUG. KINGS CAT. NO. KU-59-18, SLAC S/N. 59-299-026-01. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE KTH-2004 AND TRIM CODE 601. INSURE PIN-# TO PIN-# CONTINUITY.	INJECTION TOROIDS	RG22
TX227241	TWINAX CONNECTOR, CABLE PLUG, 2 CONDUCTOR, TYCO CAT# 227241-1.		TWC9207N
TX108	TWINAX CONNECTOR, CABLE PLUG, 2 CONDUCTOR, POMONA CAT #4957	SDR PULSE KICKER	RG108A BELDEN 9272

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
TXBJ22	TWINAX CONNECTOR, BULKHEAD JACK, KINGS CAT. #KU-19-06, SLAC S/N59-299-026-02. USE KINGS CRIMPING TOOL KTH-1000 WITH DIE. KTH-2004 AND TRIM CODE 601. INSURE PIN-# TO PIN-# CONTINUITY.	FFTB BCS	RG22
UNIQ-Y	SLAC MADE POWER CABLE TO FEED AN UNIQ UP 900-CL CAMERA AND A EDT RCX CAMERALINK TO FIBER CONVERTER. DETAILS FOR THE UNIQ-Y CONNECTIONS ARE SHOWN IN DRAWING CA-261-801-30.		
USER	SPECIAL EXPERIMENTAL ONLY CONNECTOR, USER TO TERMINATE AND CONNECT. MAY BE OF VARIOUS MISC. SPECIAL TYPES. THIS DESIGNATION IS NEVER TO BE USED FOR OPERATIONAL FACILITY MAINTAINED SYSTEMS.		MISC
USBAP	CONNECTOR, 4 PIN, USB TYPE-A, PLUG, WIRE RANGE 20-28 AWG, KYCON P/N: KUSBX-AP-KIT-SC. NO INSULATION BOOT.		
USBBP	CONNECTOR, 4 PIN, USB TYPE-B, PLUG, WIRE RANGE 20-28 AWG, KYCON P/N: KUSBX-BP-KIT-SC. NO INSULATION BOOT.		
UVC90	NINETY PIN MALE CONNECTOR. THIS CONNECTOR IS SUPPLIED WITH UNIT. MFR. UNIVERSAL VOLTRONICS CORP.	CID HV CNTLR.	18PR220S
VAT3S	CONNECTOR, FEMALE, 3 PIN CABLE RECEPTACLE, VAT P/N N-E506-007. CONTACT/ORDER INFORMATION: VAT AG, (925) 944-3570. CABLE ASSEMBLY PART NUMBER: 770CS-99L(X) (X IS LENGTH IN METERS). THE CONNECTOR(S) WILL BE SUPPLIED BY THE VENDOR ALREADY ATTACHED TO THE CABLE.		
VAT7S	SEVEN PIN CONNECTOR SUPPLIED WITH ISOLATION VALVE. IRMA FRANZ BINDER P/N 696-299-0234-00-07, ORDER FROM VAT, WIRE IN SEQUENCE USING COLOR CODE 1R ONLY, CUT OFF UNUSED WIRES.	VAC. VALVES	5PR200S, 9C18J
VAT12P	CONNECTOR, MALE, 12 PIN CABLE PLUG, VAT P/N 81173-R1. CONTACT/ORDER INFORMATION: VAT AG, (925) 944-3570. CABLE ASSEMBLY PART NUMBER: 770CV-89L(X) (X IS LENGTH IN METERS). THE CONNECTOR(S) WILL BE SUPPLIED BY THE VENDOR ALREADY ATTACHED TO THE CABLE.		
VAT12S	CONNECTOR, FEMALE, 12 PIN CABLE RECEPTACLE, VAT P/N 81167-R1, SOCKET CONTACTS P/N RC16M23K, INTERNET ADDRESS WWW.VAT DR. #125-902, FAST SHUTTER SYSTEM.		

<u>TERM</u>	<u>TERMINATION DESCRIPTION</u>	<u>APPLICATION</u>	<u>USED ON CABLE TYPE</u>
VGUAGE	SPECIAL PREWIRED ION-GAUGE CONNECTOR.		IG-CABLE
VG-CON	SPECIAL PREWIRED FOUR PIN (IG22) AND BNC CONNECTORS FOR CONNECTION OF AN ION-GAUGE TO A VACUUM GAUGE LONG-LINE ADAPTOR DROP-BOX.		IG-CABLE
VIK-44	FORTY-FOUR PIN CONNECTOR, PCB EDGEON TYPE, VIKING P/N 2VH22/1AN5, SLAC S/N59-299-302-02. USE VIKING HOOD P/N 036-0121-002, SLAC S/N <u>93-299-300-02</u> . SOLDER CONNECTIONS.		19PR22IS
WNB	WIRE NUT, BLUE, SIZE 12-6, WITH INNER CONDUCTING TAPERED SPRING.		
WNG	WIRE NUT, GRAY, SIZE 14-8, WITH INNER CONDUCTING TAPERED SPRING.		
WNR	WIRE NUT, RED, SIZE 16-10, WITH INNER CONDUCTING TAPERED SPRING.		
WNY	WIRE-NUT, YELLOW, SIZE 12-18, WITH INNER CONDUCTING TAPERED SPRING.	MISC.	
W1	COPPER/CONSTANTAN WIRE PAIRS. STRIP THE INSULATION AND PUT THE COPPER CONDUCTOR (BLUE INSULATION) OF THE FIRST PAIR UNDER THE '+' SCREW OF THE INDICATED STARTING CHANNEL, AND THE CONSTANTAN CONDUCTOR (RED INSULATION) UNDER THE '-' SCREW. CONTINUE CONNECTING THE THERMOCOUPLE PAIRS IN THE SAME MANNER, UP THROUGH THE LAST INDICATED PAIR AND/OR CHANNEL.	RF CAVITY THERMOCOUPLES	10PRTHRM, 1PR28CC
XLR3P	MALE THREE PIN AUDIO CONNECTOR, CANNON XLR-3-12C, SLAC S/N59-299-415-07. SOLDER CONNECTIONS.		1PR16AS, 1PR16T3V
XLR3S	FEMALE THREE PIN AUDIO CONNECTOR, CANNON AXR-3-11R, SLAC S/N59-299-415-03. SOLDER CONNECTIONS.		1PR16T3V

Table 4 - Trim Codes for Coaxial Cable Terminations

CROSS-REFERENCED LIST OF COAXIAL CABLE TERMINATION PROCEDURES

TERM NO.	CABLE TYPE	ALTERNATE CONNECTOR PART #'S.	CRIMPING TOOL DIE NO.	TRIM CODE	JACKET TRIM JIG		DIELECTRIC TRIM JIG	
					KINGS	PEP*	KINGS	PEP**
N11	RG11	KN-59-67	KTH-2003	402M	KTJ-60	KTJ-60P	KTD-28	KTD-28P
		KN-59-132 KN-59-201 KN-59-202	KTH-2004	480	KTJ-137	KTJ-60P	KTD-138	KTD-138P
TX22	RG22	KU-59-18	KTH-2004	601	23	---	---	---
BNC58	RG58	KC-59-290	KTH-2001	401	KTJ-57	KTJ-57P	KTD-25	KTD-25P
		KC-59-291						
HV58	RG58	KINGS 1065-1	KTH-2001	474	KTJ-86	KTJ-57P	KTD-128	---
		KINGS 1065-2	KTH-2001\$	419	KTJ-71	KTJ-57P	KTD-68	KTD-68P
SHV58	RG58R	KINGS 1705-2	KTH-2061	441	KTJ-72	KTJ-57P	KTD-136	KTD-136P
TNC58	RG58	KA-59-44	KTH-2001	401	KTJ-57	KTJ-57P	KTD-25	KTD-25P
		KA-59-103						
HV-C	LASL C	KINGS 1065-2	KTH-2001	419	KTJ-71	KTJ-57P	KTD-68	KTD-68P
		REYNOLDS 167-3554	KTH-2001\$	REY1	---	KTJ-57P	---	---
BNC59	RG59	KC-59-293	KTH-2002A	401	KTJ-57	KTJ-57P	KTD-26	KTD-26P
		KC-59-294						
SHV59J	RG59R	KINGS 1702-1	KTH-2062	441	KTJ-72	KTJ-57P	KTD-134	
SHV59P	RG59R	KINGS 1705-1	KTH-2062	418	KTJ-72	KTJ-57P	KTD-136	KTD-136P
BNC62	RG62	KC-59-293	KTH2002A	401	KTJ-57	KTJ-57P	KTD-26	KTD-26P
		KC-59-294						

N213	RG213	KN-59-67	KTH-2003	402M	KTJ-60	KTJ-60P	KTD-28	KTD-28P
		KN-59-132						
		KN-59-201	KTH-2004	480	KTJ-137	KTJ-60P	KTD-138	KTD-138P
		KN-59-202						
HV213	RG213R	KINGS 1765-1	KTH-2078	475	KTJ-124	---	KTD-179	---
		REYNOLDS 167-3516	KTH-2003\$	REY2	---	KTJ-60P	---	KTD-REY2
N214	RG214	KN-59-68	KTH-2004	402M	KTJ-60	KTJ-60P	KTD-28	KTD-28P
		KN-59-104						
		KN-59-105						
BNC223	RG223	KC-59-80	KTH-2001	401	KTJ-57	KTJ-57P	KTD-25	KTD-25P
		KC-59-162						
TNC223	RG223	KA-59-45	KTH-2001	401	KTJ-57	KTJ-57P	KTD-25	KTD-25P
		KA-59-87						

\$ THE CENTER CONDUCTOR PIN MUST BE SOLDERED, NOT CRIMPED. * AND ** SEE NOTES UNDER TRIM CODE CHART ON NEXT PAGE.

CROSS-REFERENCED LIST OF COAXIAL CABLE TERMINATION PROCEDURES (continued)

TRIM CODE CHART

SEE KINGS 'K-GRIP' CATALOG FOR DETAILS OF 'A', 'B', 'C' AND 'D' DIMENSIONS.

<u>CODE</u>	<u>A + B</u>	<u>A</u>	<u>B</u>	<u>C</u>	<u>D</u>	<u>PEP *</u> <u>JACKET</u> <u>TRIM JIG</u>	<u>PEP **</u> <u>DIELECTRIC</u> <u>TRIM JIG</u>	
209A	13/16" (0.81)	19/32"	7/32"	(0.43")	5/32"			
401	37/64" (0.58")	23/64"	7/32"	15/32" (0.47")	7/64"	KTJ-57P	KTD-25P, 26P	
402M	19/32" (0.59")	5/16"	9/32"	3/8" (0.38")	7/32"	KTJ-60P	KTD-28P	
415M	1 5/32" (1.16")	15/32"	7/32"	17/32" (0.53")	5/32"	KTJ-65	KTD-38	
418	59/64" (0.92")	45/64"	7/32"	13/16" (0.80")	7/64"	KTJ-57P	KTD-136P	
419	1 3/32" (1.09")	7/8"	7/32"	63/64" (0.98")	7/64"	KTJ-57P	KTD-68P	
432	31/64" (0.48")	17/64"	7/32"	(0.39")	3/32"	KTJ-78	KTD-116	
441	15/16" (0.94")	23/32"	7/32"	49/64" (0.77")	5/32"	KTJ-57P	KTD-136P	
465	19/32" (0.59")	1/4"	11/32"	7/16" (0.43")	5/32"	KTJ-	KTD-	
474	1 1/8" (1.13")	29/32"	7/32"	57/64" (0.89")	15/64"	KTJ-57P	KTD-128P	
475	1 15/16" (1.94")	1 23/32"	7/32"	1 5/8" (1.63")	5/16"	KTJ-124	KTD-179	
480	11/16" (0.69")	9/32"	13/32"	1/2" (0.50")	3/16"	KTJ-60P	KTD-138P	
601	2 1/4"	2"	1/4"	1/16"	5/32"	KTJ-23	---	E: 5/32"

	(2.25")			(0.06")			
REY1	1 3/16" (1.19")	0.76"	0.43"	1" (1.00")	3/16"	---	---
REY2	1 13/16" (1.81")	1 23/64"	29/64"	(1.54")	17/64"	KTJ-REY2	KTD-REY2

* THE TYPES WITH A "P" SUFFIX ARE MODIFIED KINGS JIGS THAT REDUCE THE NUMBER OF DIFFERENT TYPES OF JIGS NEEDED. THESE JIGS HAVE EXTRA SLOTS FOR DIFFERENT BLADE SPACINGS AND A HOLE IN THE END, SO THAT THE DIELECTRIC AND THE CENTER CONDUCTOR CAN BE LEFT LONG FOR TRIMMING WITH THE DIELECTRIC TRIM JIG.

** THE TYPES WITH A "P" SUFFIX ARE MODIFIED KINGS JIGS THAT DUE TO THE MODIFICATION ALLOW TRIMMING OF THE CENTER CONDUCTOR AND MAKE THE CUTTING OF THE CABLE DIELECTRIC EASIER AND CLEANER.

Table 5 - Revision notes for this document.

- a. 85-01-25: Original issue for review and bid package (preliminary, rev X).
- b. 85-01-31: Second issue (still preliminary, rev. X)
 - 1. The TERMINATION codes in Section 2 were changed from alpha to numeric characters, to avoid confusion with the subcontractor action codes.
 - 2. Some minor editing and spelling changes were also made at this time.
 - 3. Some connector and cable descriptions have been added.
- c. 85-05-29: Third issue (still preliminary, rev. X)
 - 1. Additional editing has been done, additional descriptions added.
 - 2. Some crimp tooling additions and corrections were made.
- d. 85-06-07: First formal (-R0) release.
- e. 86-03-05: Second formal (-R1) release.
 - 1. Added 'KAnn' and 'KMnn' to Cable Installation Schedule Format Description under 'ORIGIN / LOCATION'.
 - 2. Added 'PINK' and 'TAN' to Table 1.
Added additional wire color code tables: 1L, 1M, 1N, 1P, 1Q, 1R, 1S, 1T and 1U.
Corrected color code in Table 1R.
 - 3. Added MCM series definitions, and single wire estimating diameters to the beginning of Table 2.
Corrected the SLAC S/N for MS6PSB (from -01 (error), to -51).
Changed the description for 2C16OS to show the same as 1PR16OS.
Corrected the O.D and Belden Cat No. for 2PR22OS.
Changed the description for 4PR16OS to include additional details.
Corrected the O.D. and added Alpha Cat. No. to 8C16/3V.
Corrected the voltage rating for 8C18OS.
Added Alpha No. and Color Code to 8PR16TS.
Corrected the O.D. and Belden Cat. No. for 18PR22OS.
Added additional termination information to 18PR22OS.
Added 'OVERALL SHIELD' to description for 27C20OS.
Added 'TRAY CABLE' to description for 27PR22OS.
Changed description for 50C16TC to show the same as 50C16/3V.
Added description to HVSPEC1.
Corrected Color Code on 6PR24IS.
Corrected Slac No. and MFG. on 18PR22OS.

Added additional cable types to Table 2: 1/2HELGF, #2-FLEX, 1PR16AS, 1PR20OS, 1PR28CC, 2C8TYR, 2C10TYR, 2C12TYR, 2C14TYR, 2C16/3V, 2C16OS, 2C16T6V, 2C18TC, 2C20OS, 2PR20IS, 2PR22OS, 3C16/3V, 3C16FLX, 3C16TYR, 3C20/3V, 3PR22OS, 4C8SHLD, 4C8TYR, 4C10TYR, 4C12OJ, 4C16TYR, 4C12TYR, 4C16FLX, 4C16OS, 4PR16IS, 4PR16TC, 4PR18TC, 5C16/6V, 5C18TC, 5PR20OS, 6C16OS, 6C18TC, 6PR22OS, 6PR24IS, 7C18TC, 8C12T6V, 8C16/3V, 8C18OS, 8PR16OS, 8PR20IS, 11PR22OS, 12C10TYR, 12C12/3V, 12C16/6V, 12C12TYR, 12C18OS, 12C18TC, 12PR16AS, 12PR22OS, 15PR22OS, 15PR22TS, 18PR22OS, 19C12/6V, 19C16/3V, 24PR16TC, 26C16/3V, 27C20OS, 50C16/3V, 50C16TC, BRBW12, HVSPEC1, IG-CABLE, RG59B

4. Added additional termination types to Table 3: ACJBX, ACP, ACP15, ACP20, ACR, AMP24P, AMP36P, BP(-ccc), BP-01, BP-02, CED-30, D37F, D37F-A, D37M, D37M-A, DAY-20, FIXED, GP-CON, GP-GAU, HN214, HR13P, HR13S, HV214, IG-CP6, IPVB, the 'LB' series, LB1-6, LB4-6, LB35-8A, LB6-3, LB6-3A, LEMO-A, LFB-E, LFR-H, LFR-J, LFR-K, LRB-A, LRB-B, LRB#6, LRB#8, LRB#10, LRR1/4, LRR#6, LRR-A, LR6#10, LR8-6, LR8U10, LSB#10, LSR-D, LSR-E, LSR#8, LSR#10, MS-HVS, MS5P, MS6F, MS6M, MS6PR, MS8PA, MS8PAR, MS8PW, MS8PY, MS8SA, MS10SA, MS11PR, MS21SW, MS26PA, MS26PG, MS26SA, MS32P, N1/2HG, N223, PP50G, PP100G, PS50/2, RS50G, RS100G, RTDS, SOLDER, STRIP, TC-CCP, TC-CCS, TC-JNC, TC-SLV, TCSCCP, TCSCCS, TT4P-1, TT4P-2, TT4SW, TT8F, TT8M, TT8P, TT8PR, TT8S-A, TT12P, TT12P1, TT12S, TT19P, TT19S, TT19S1, TT22P, TT22S, TT30P, TT30S, TT38P, TT38S, VGAUGE, VG-CON, VAT7S, XLR3P and XLR3S.

Added model no. to HV220.

Added tool '69062' to terminations LR8#10 and LB8-2.

Changed crimping tool '69062' to '59975-1' for terminations LB4-6, LR6#10, LR8#10, and LB8-2.

Changed 'Kings Cat. No. 1765-2' to 'Kings Cat. No. 1765-1', and added 'OR DIE KTH-1078' to termination HV213.

Changed many termination descriptions: from, the reference to a specific color code: to, a reference to the wire type for the color code.

Corrected the description for LFB-D to remove the erroneous call-out for 'no connection' to point 48.

Corrected the description for LFY-B to include wiring for color code 1B.

Corrected the SLAC P/N for SHV59J.

Changed LR4-3/8 to LB4-6.

Changed LR8-1/4 to LB8-2.

Added crimping, tooling and trim codes to SMA223 and SMR223.

5. Added Trim Code 432.

f. 87-01-15: Third Formal (-R2) Release.

1. Added additional wire color code tables: 1V.

Added additional cable types to Table 2: 1/4"HEL, 3/8"HEL, 3C14FLX, 5C16T6V, 12C20J and 19C16/6V.

2. Added additional termination types to Table 3: AMP48P, LEMO, N1/4HP and N3/8HP. Corrected and expanded the descriptions for D37F and D37M.

g. : WORKING VERSION (RX2) NOT RELEASED.

1. Added additional wire color code tables: 1W

Added additional cable types to Table 2: 7C220S.

2. Added additional termination types to Table 3: TT4P

Added additional termination types: DAY-50 & MS3S-S.

3. Added additional cable type to Table 1P: 12PR220S.

4. Added O.D and Belden Cat. #8312 to 12PR220S.

5. Added additional cable types to Table 2: 25PR24IS, 51PR220S, RG11A, RG108A.

Added additional termination types to Table 3: D50F, TT12S, LFR-L, USER.

Corrected RG11 to RG11TRI.

Added additional wire color code table: 1X

6. Added additional cable types to Table 2: 4PR24IS, 12C18/3V