

# XL5 Klystron

This drawing package is for the SLAC XL5 x-band pulsed klystron that was scaled from the XL4 klystron design to operate at higher frequency. This device is used at CERN as a power source for CLIC experiments and at other European labs as sources for linearizers. This klystron operates at a frequency of 11.993 GHz and produces a peak output power of 50 MW with a pulse length of 1.5  $\mu$ s at 60 Hz pulse repetition rate.

For access to the drawings, contact the SLAC Office of Research Partnerships & Technology Commercialization ([IPRP@slac.stanford.edu](mailto:IPRP@slac.stanford.edu)).

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