

PIN MODULATORS



- Model 451 Pin-Modulators are designed to modulate the CW output of Gunn Oscillator. It is operated by the square-pulses derived from the UHF (F) connector of the Gunn Power Supply Model X-110.
- These consists of a Pin-diode mounted inside a section of waveguide flanged on it's both end. A fixed attenuation vane is mounted inside at the input port to protect the oscillator.

Model No.	Frequency Range (Ghz)	Max.RF Power (W)	Waveguide Type (WR-)	Flange Type (UG-/U)
C-451	3.95-5.85	1.0	187	149 A
J-451	5.85-8.2	1.0	137	344
X-451	8.2-12.4	1.0	90	39
Ku-451	12.4-18.0	0.8	62	419