

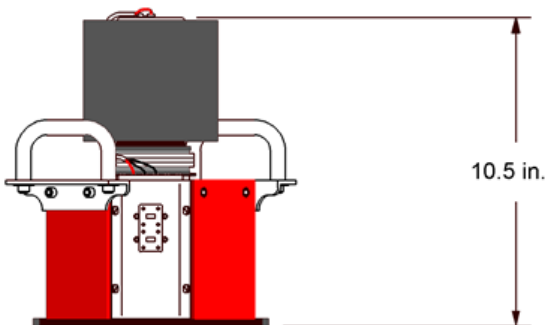
CPI Microwave Power Products' (MPP) klystrons were the first to be used in both commercial and military satellite communications uplinks and are now the worldwide standards for this class of operation covering C-band, X-band and Ku-band frequencies.

In 1977, CPI MPP introduced high performance Ka-band amplifiers for earth-satellite communications. These products, based on high reliability military products, are now available for long-life high-performance commercial applications. CPI MPP offers a wide variety of pulsed and CW Ka-band products at various power levels.



## KEY FEATURES

- Fixed tuned to a specified center frequency between 27.5 – 31.3 GHz
- Up to 125 MHz Instantaneous Bandwidth
- Air Cooled
- Permanent Magnet Focusing.



Typical Operating Parameters		
Item	Value	Units
Frequency	27.5 to 31.3	GHz
Bandwidth	125	MHz
O/P Power	1.5	KW (CW)
Beam Voltage	10.5	kV
Beam Current	1.3	A
Sat. Gain	≥40	dB
Cooling	Forced Air	---
Weight	~50	lbs
Dimensions	10.5H x 8 x 8	inches

The values listed above represent specified limits for the product are subject to change. The data should be used for basic information only. Formal, controlled specifications may be obtained from CPI for use in equipment design.