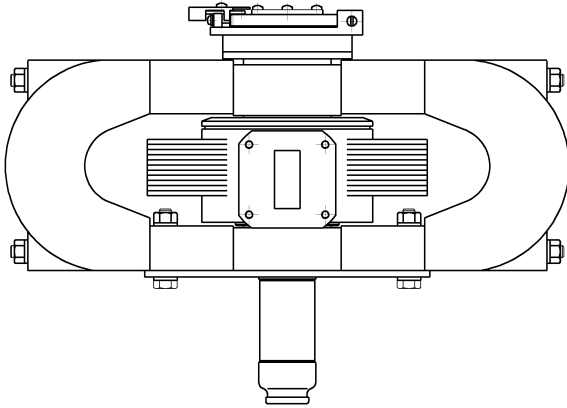




# Magnetrons for Large Power Radars.

For more detail, please require a data sheet to Richardson Electronics.

Part Number: M1976



## Description

X-Band coaxial magnetron  
Mechanically tunable  
Forced-air cooling

## Typical Operating Characteristics

Frequency Range : 8600-9600 MHz  
Peak Power Output : 200 kW  
Pulse Width : 2.0 us  
Duty Cycle : 0.001  
Anode Voltage : 25 kV  
Peak Anode Current : 18A  
Heater Voltage at Stand By : 13.75 V  
(Note: In case of operation, reduction of heater voltage is required.)  
Class : MWAPS

Class is defined as follows:

Tuning	Output	Cooling	Magnet	Input
F: Fixed	C: Coaxial	A: Forced Air	P: Permanent Integral	S: Socket
M: Mechanical	W: Waveguide	L: Liquid	S: Separate	L: Lead

All specifications are subject to change without notice.

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