



WR-90 Waveguide High Power Termination 8.2 – 12.4GHz



Features

- Full band operation
- Low VSWR
- Rugged mechanical configuration

Typical Applications

- Transceivers
- Test setups
- Instrumentation
- Subsystems

Electrical Specifications, $T_A=25\text{ }^{\circ}\text{C}$

Parameters	Min	Typ	Max	Units
Frequency Range	8.2		12.4	GHz
VSWR			1.25	:1
Power Handling (Average)			300	W
Impedance	50			Ω
Waveguide Type	WR90			
Flange type	FBP100 (Cover)			
Material	Copper / Brass			
Inside finish	Passivation			
Outside finish	Anti-corrosion grey paint			

Environmental Specifications

Operational Temperature ($^{\circ}\text{C}$)	-40 to +70
Storage Temperature ($^{\circ}\text{C}$)	-60 to +125
Altitude	45000 ft
Vibration	10g RMS (15 degrees 2KHz)
Humidity	100% RH at 35c, 95%RH at 40 deg c
Shock	20G for 11msec half sine wave, 3 axis both directions

