

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, $T_A=25$ °C

Parameters	Min	Тур	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			

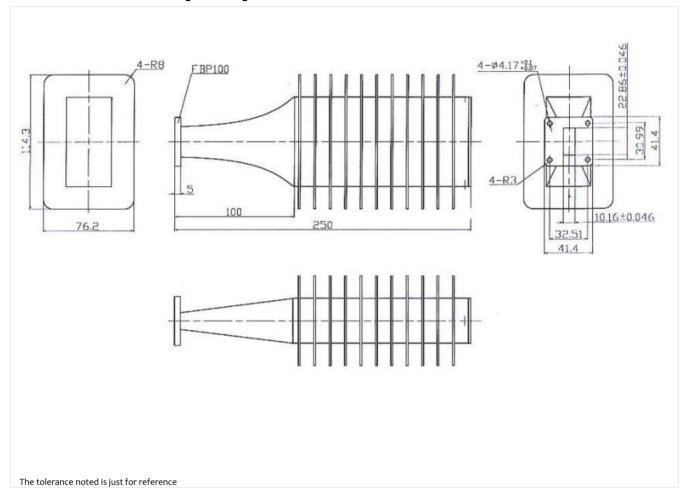
Environmental Specifications

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Operational Temperature (°C)	-40 to +70	
Storage Temperature (°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	



Outline Drawing:

All Dimensions in mm [inches]



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