



RF-LAMBDA

LEADER OF RF BROADBAND SOLUTIONS

RFST400GXX

400W High Power Fixed Termination



Features

- Low VSWR
- High Power
- Optimized for Pulsed Applications

Typical Applications

- Test and Measurement.
- Wireless Infrastructure.

Electrical Specifications, 25°C

Part Number	Frequency Range	VSWR	Power (CW)	Peak Power(KW)	Impedance (Ω)
RFST400Go6	DC-6GHz	1.3	400	5 (5 μ s pulse , 5% duty cycle)	50
RFST400Go8	DC-8GHz	1.45			
RFST400G10	DC-10GHz	1.5			

Mechanical Specifications

Weight	123.46Ounces
Coaxial Connector	N or 7/16 (Male or Female)
Size	335 × 130 × 75mm (13.19"×5.12"×2.95")
Finish	Body painted black epoxy enamel

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Environmental Specifications and Test Standards

Parameter	Standard	Description
Operational Temperature	MIL-STD-39016	-40°C~+85°C
Storage Temperature		-55°C~+125°C
Thermal Shock		1 Hour@ -45°C → 1 Hour @ +85°C (5 Cycles)
Random Vibration		Acceleration Spectral Density 6 (m/s) Total 92.6 RMS
Electrical & Temperature Burn In		Temperature +85°C for 72 Hours
Shock		1. Weight >20g, 50g half sine wave for 11ms, Speed variation 3.44m/s 2. Weight <=20g, 100g Half sine wave for 6ms, Speed variation 3.75m/s 3. Total 18 times (6 directions, 3 repetitions per direction).
Altitude	MIL-STD-883	Standard: 30,000 Ft (Epoxy Sealed Controlled Environment) Optional: Hermetically Sealed (60,000 ft. 1.0 PSI min)
Hermetically Sealed (Optional)		MIL-STD-883 (For Hermetically Sealed Units)



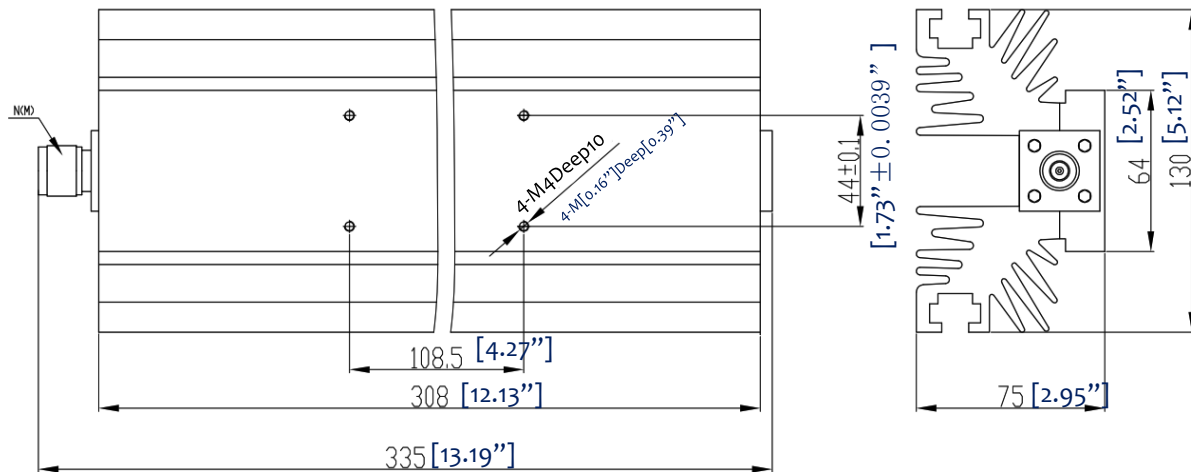
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Outline Drawing

All Dimensions in mm [inches]



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