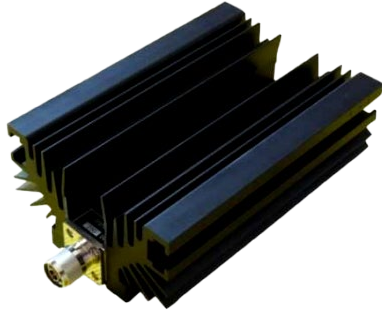


## 250W High Power Fixed Attenuator DC-8GHz



Features

- Low VSWR
- High Power
- Optimized for Pulsed Applications

Typical Applications

- Microwave Signal Attenuation.
- Test and Measurement.
- Wireless Infrastructure.

*Electrical Specifications, 25°C*

Part Number	Frequency Range	VSWR	Attenuation (dB)	Attenuation Accuracy (dB)	Power (CW)	Peak Power(KW)	Impedance (Ω)
RFS250G8B	DC-8GHz	1.35	20	±0.75	250	5	50
			30	±0.75			
			40	±0.75			

*Mechanical Specifications*

Weight	77.6Ounces
Coaxial Connector	N , 7/16 (Male or Female)
Size	234 × 130 × 75mm (9.21"×5.12"×2.95")
Finish	Body painted with black epoxy enamel

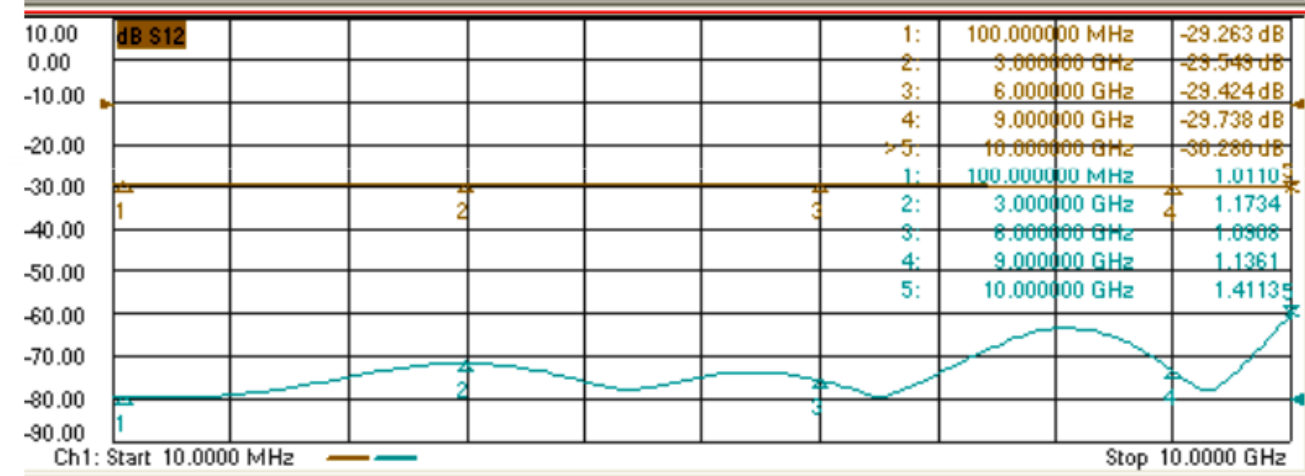
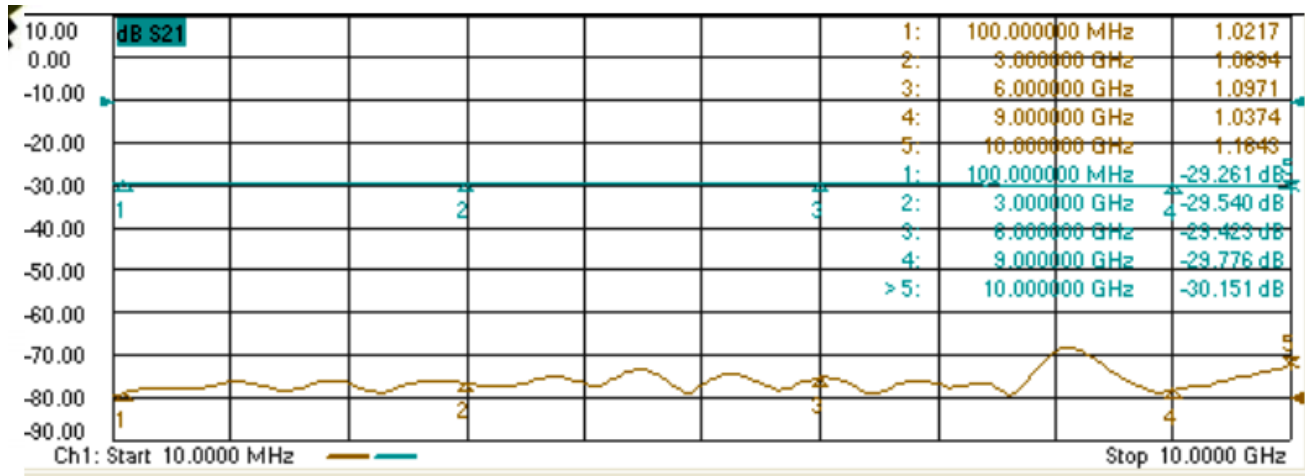
**250W High Power Fixed Attenuator DC-8GHz**

**Environmental Specifications and Test Standards**

Parameter	Description
Operational Temperature	-40°C~+85°C
Storage Temperature	-55°C~+125°C
Thermal Shock	-40°C → +85°C (5 Cycles / 10 hours)
Random Vibration	MIL-STD-202G Table 214-I, Test Condition Letter C 1.5 Hours Per Axis
High 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	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)

**250W High Power Fixed Attenuator DG-8GHZ**

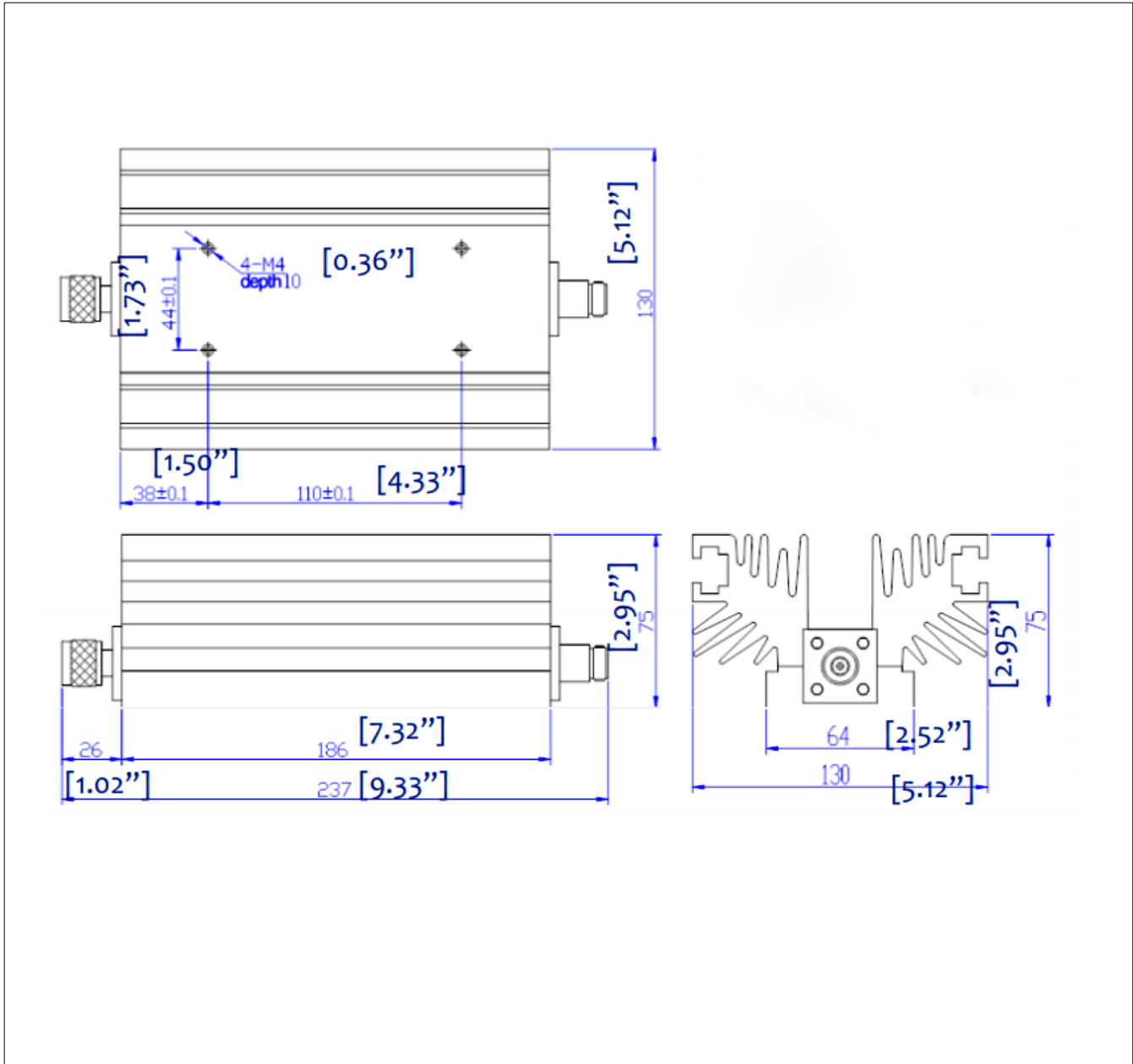
**Typical Performance Plots**



**250W High Power Fixed Attenuator DG-8GHz**

**Outline Drawing**

All Dimensions in mm [inches]



**250W High Power Fixed Attenuator DG-8GHz**

**Important Notice**

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