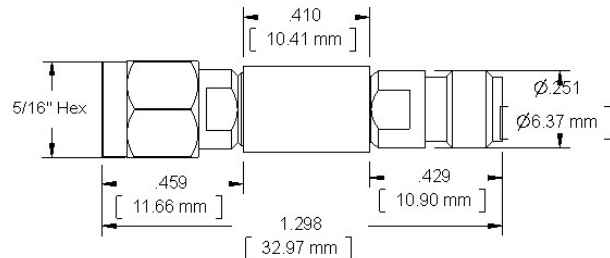


Fixed Coaxial Attenuator

WA56

DC - 32 GHz

2 WATTS



Features

3.5mm stainless steel M/F connectors per MIS-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 32 GHz.

Nominal dB Values: 0 - 30 dB

Power Coefficient: < 0.005 dB/dB/W;
Bidirectional in power.

Power Rating: 2 W average to 25°C ambient temperature, de-rated linearly to 0.1W at 100° C, 200 W peak (5 µsec pulse width, 0.5% duty cycle).

Temperature Range: -55°C to +100°C.

Temperature Coefficient: < 0.0004 dB/dB/°C.

Construction: Passivated stainless steel body and connectors. Gold plated beryllium copper contacts. RoHs Compliant.

Calibration: Insertion Loss and VSWR performed across frequency range. Calibration test data available at additional cost.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB	
	DC - 26.5 GHz	26.5 - 32 GHz
1, 2	0.6	0.8
3, 6	0.5	0.8
10	0.6	0.8
11 -30	0.75	1.5

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 26.5	1.25
26.5 - 32.0	1.35

Dimensions:

Length:	33.0 (1.3)
Body Diameter:	7.1 (.23)
Weight:	.008 (.28)

Note: Dimensions are given in mm (in), or kg (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.