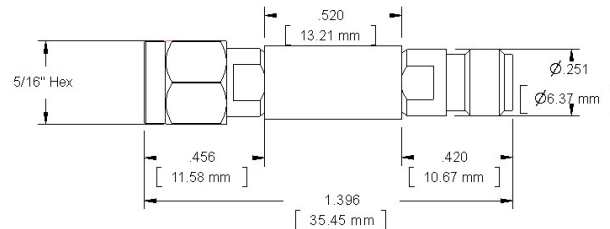
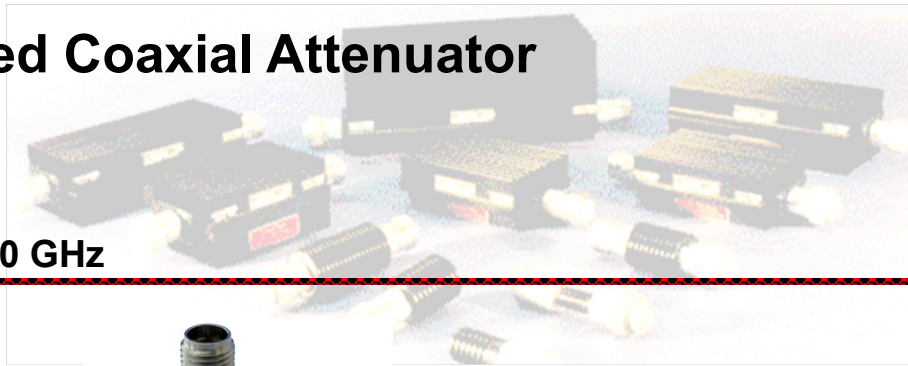


Fixed Coaxial Attenuator

WA54

DC - 40 GHz

2 WATTS



Features

Precision 2.92mm 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 - 40 GHz.

Nominal dB Values: 1 - 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. *Model WA54 is also available in a calibrated attenuator set WAS54 (3, 6, 10 and 20 dB) with certificate of calibration.*

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB	
	DC - 26.5 GHz	26.5 - 40 GHz
3 - 6	0.5	1.0
10 - 20	1.0	1.0
30	2.0	2.0

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 26.5	1.25
26.5 - 40.0	1.45

Dimensions:

WA54	
Length:	35.5 (1.4)
Body Diameter:	6.4 (.25)
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.