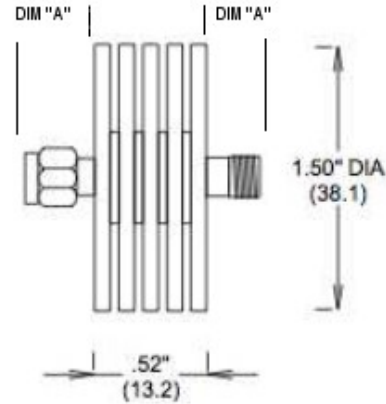
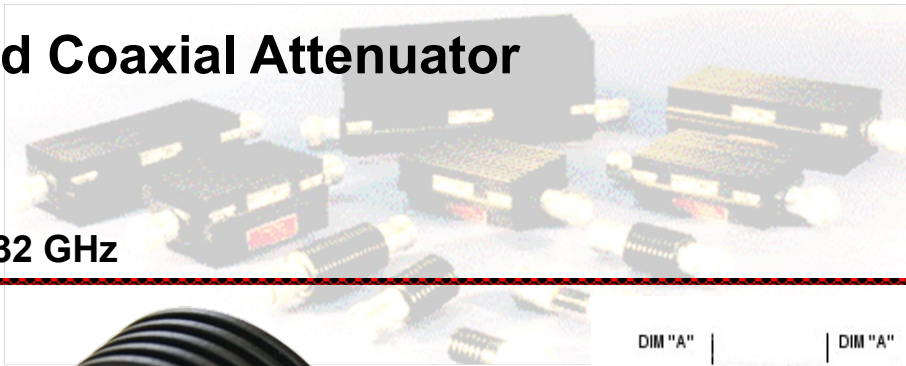


Fixed Coaxial Attenuator

WA77

DC – 32 GHz

5 WATTS



Features

3.5 mm stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification. Compact construction meets a wide range of design requirements.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC to 32.0 GHz.

Nominal dB Values: 0 - 30 dB

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

Power Rating: 5 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 0 W at 125°C. 200 W peak power (5 µsec pulse width, 1.25% duty cycle).

Temperature Range: -55°C to +125°C.

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

Construction: Black aluminum alloy body with passivated stainless steel 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 to 26.5 GHz	26.5 to 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
	WA77
DC - 26.5	1.25
26.5 - 32	1.35

Dimensions:

Connector Type (- code)	Length Dimension 'A'
3.5mm F -11	10.6 (.42)
3.5mm M -12	11.5 (.45)

Weight: .06 (2.12)
Diameter: 38.1 (1.5)

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.