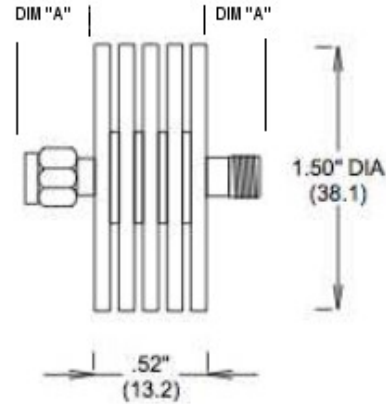


Fixed Coaxial Attenuator

WA75

DC – 40 GHz

5 WATTS



Features

Precision 2.92 mm stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively 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 40.0 GHz.

Nominal dB Values: 1 - 30 dB

Power Coefficient: < 0.005 dB/dB/W;
Bidirectional 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 18 GHz	18 to 40 GHz
3	0.5	1.0
6, 10, 20, 30	0.8	1.5

Maximum VSWR:

Frequency (GHz)	VSWR
	WA75
DC - 18	1.25
18 - 40	1.45

Dimensions:

Connector Type (- code)	Length Dimension 'A'
	2.92mm F -13
2.92mm M -14	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.