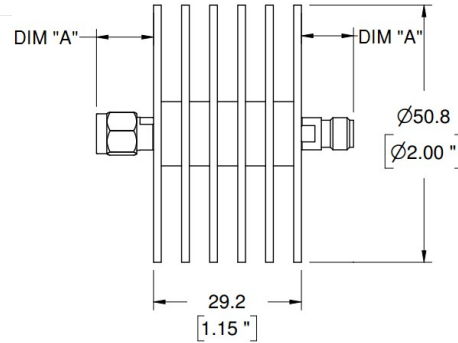
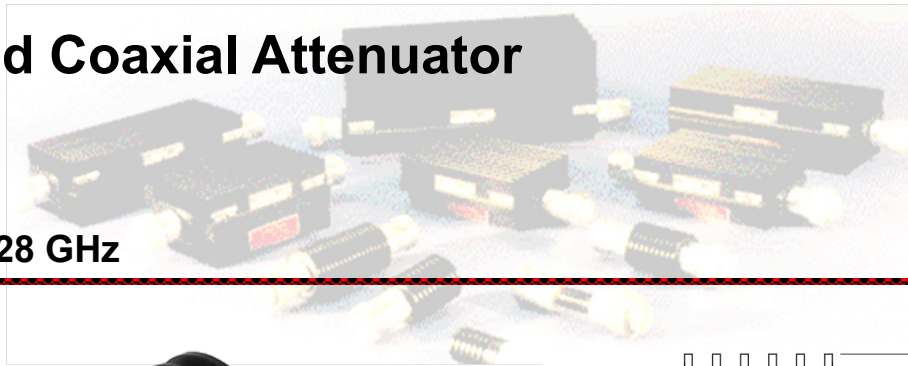


Fixed Coaxial Attenuator

WA74

DC – 28 GHz

25 WATTS



Features

3.5 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 28 GHz.

Nominal dB Values: 3 - 30 dB

Power Coefficient: < 0.0006 dB/dB/W;
Bidirectional in power.

Power Rating: 25 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 2.5 W at 125°C. 500 W peak power (5 µsec pulse width, 2.5% 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 or stainless steel 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
	WA74
3	0.7
6 - 10	1.0
20 - 30	1.5

Maximum VSWR:

Frequency (GHz)	VSWR
	WA74
DC - 18	1.3
18 - 28	1.35

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
3.5mm F -11	10.7 (.42)
3.5mm M -12	11.6 (.46)

Weight: 0.1 (3.5)
Diameter: 50.8 (2.0)

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.