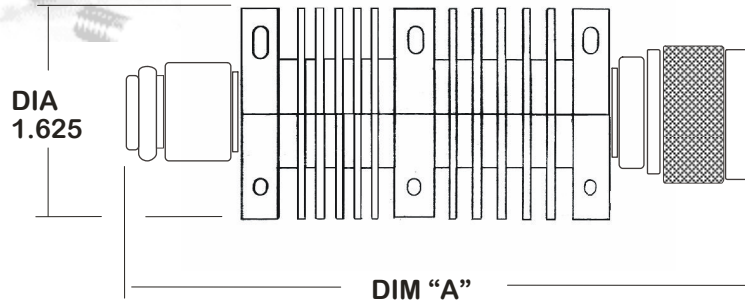


Fixed Coaxial Attenuator

MODEL WA23

DC – 4.0 GHz
Bi-directional

50 WATTS



Features

Type N, SMA, or DIN 7/16 stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet environmental requirements of MIL-DTL-3933.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 4.0 GHz.

Nominal dB Values: 3 - 40 dB (50 dB unidirectional version also available).

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

Power Rating: 50 watts average to 25°C ambient temperature, de-rated linearly to 2.5 watts at 125° C. 5 kilowatt peak power (5 µsec pulse width; 0.5% duty cycle).

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	DC – 4.0 GHz
3,6,10,20	0.4
30,40	0.6

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.

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.20

Physical Dimensions:

Length:

Connector Type	DIM "A"
SMA	101.09 (3.98)
Type N	111.76 (4.37)

Weight: .28 kg/ 10 oz.

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified



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