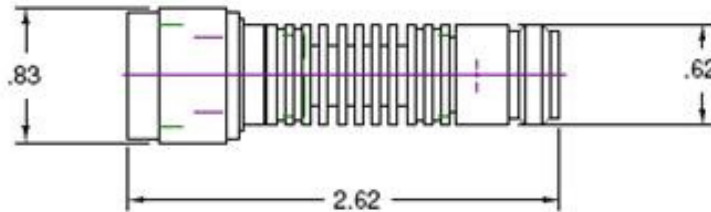


Fixed Coaxial Attenuator

MODEL WA8

DC – 18.0 GHz

10 WATTS



Features

Type N 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. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC -18.0 GHz.

Nominal dB Values: 1 - 60 dB.

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

Power Rating: 10 watts average, 1 KW peak. Full power from -55°C to +25°C: De-rated linearly to 0 W at +125° C.

Temperature Range: -55°C to +125°C.

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

Construction: Black aluminum alloy body with passivated stainless steel connectors.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
1,2,10	0.5
3,6	0.3
20	0.5
30	1.0
50	1.25
60	1.50

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 8.0	1.20
8.0 – 12.4	1.30
12.4 – 18.0	1.35

Length:

67.30 (2.62).

Weight:

.074 kg/ 2.6 oz.

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



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