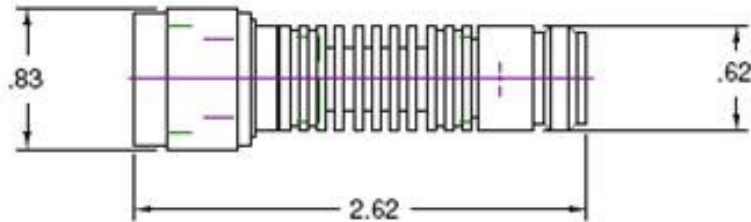


Fixed Coaxial Attenuator

MODEL WA37

DC – 8.5 GHz

10 WATTS



Features

Type N 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. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 8.5 GHz.

Nominal dB Values: 1 – 30 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 ambient, de-rated linearly to 1 Watt at +125° C. Peak power rated for 5 µsec pulse width; 0.5% 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.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
1, 2, 10	0.5
3, 6	0.3
20	0.7
30	0.8

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.15
4.0 – 8.5	1.20

Length: 67.3 (2.62).

Weight: .085 kg/ 3 oz.

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



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