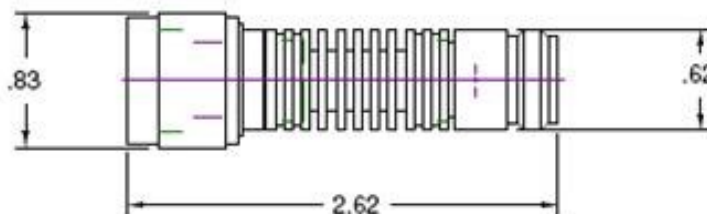


Fixed Coaxial Attenuator

WA37

DC - 8.5 GHz

10 WATTS



Features

Type N stainless steel connectors per MIL-STD-348A, interface non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 8.5 GHz

Nominal dB Values: 1 - 60 dB

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

Power Rating: 10 W average to 25°C ambient temperature, de-rated linearly to 1 watt 125°C, 1 KW peak (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. 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
	WA37
1 - 2	0.5
3 dB	0.3
4 - 5	0.5
6 dB	0.3
7 - 19	0.5
20 - 25	0.7
26 - 30	0.8
31 - 60	1.2

Maximum VSWR:

Frequency (GHz)	VSWR
	WA37
DC - 4.0	1.15
4.0 - 8.5	1.25

Dimensions and Weight:

Diameter (max): 21.08 (.83)
Length: 66.55 (2.62)
Weight (nominal): 90 (3.17)

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.