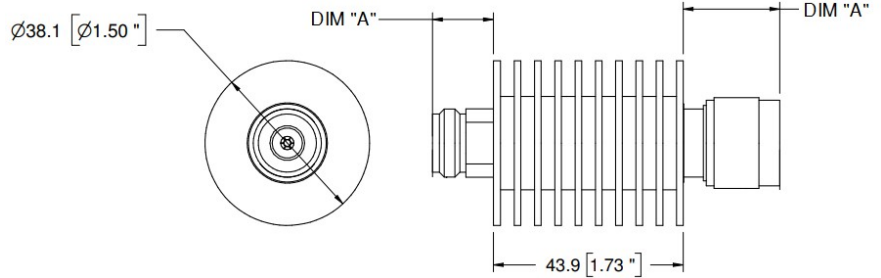


Fixed Coaxial Attenuator

WA33 & WA34

WA 34: DC - 4.0 GHz
WA 33: DC - 8.5 GHz

25 WATTS



Features

Type N, SMA, or 7/16 DIN 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: WA34: DC - 4.0 GHz
WA33: DC - 8.5 GHz

Nominal dB Values: 1 - 30, 40 dB (WA34)

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

Power Rating: **Power Rating: 25 W** average to 25°C ambient temperature, de-rated linearly to 2.5 watts 125°C, **5 KW** peak (5 µsec pulse width, 0.25% 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	
	WA33	WA34
1 - 2	0.80	0.40
3 - 20	0.60	0.30
21 - 30	1.0	0.60
40 dB	N/A	1.0

Maximum VSWR:

Frequency (GHz)	VSWR	
	WA34	WA33
DC - 4.0	1.20	1.20
4.0 - 8.5	N/A	1.30

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
SMA F -01	9.8 (0.39)
SMA M -02	10.9 (.43)
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
DIN 7/16 F -07	30.5 (1.20)
DIN 7/16 M -08	31.8 (1.25)

Weight: .17 (6.0)
Diameter: 22.90 (0.90)

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.

Low Intermodulation Option: Add -LIM after connector option to specify low intermodulation attribute.