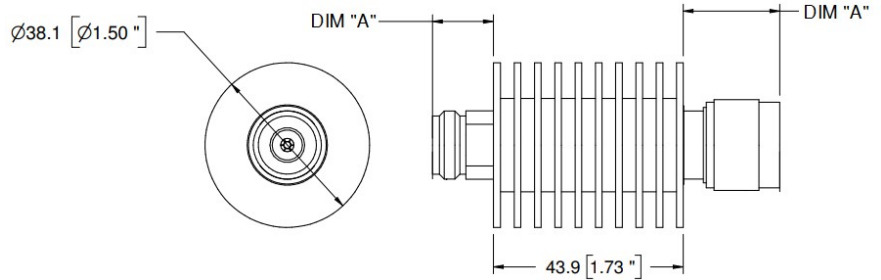


Fixed Coaxial Attenuator

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	0.8	0.4
3 - 20	0.6	0.3
21 - 30	1.0	0.6
40	1.0	1.3

Maximum VSWR:

Frequency (GHz)	VSWR	
	WA33	WA34
DC - 4.0	1.2	1.2
4.0 - 8.5	1.3	N/A

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 (1.2)	
DIN 7/16 M -08	31.8 (1.25)	

Weight: .17 (6.0)
Diameter: 22.9 (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.