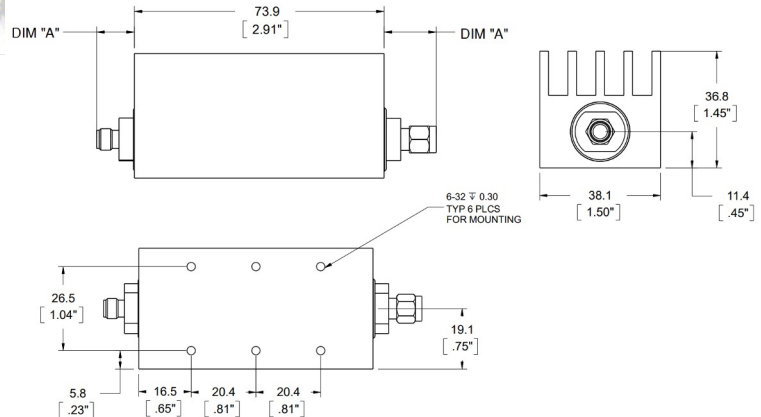


Fixed Coaxial Attenuator

WA23B & WA24B

WA23B: DC - 4 GHz
WA24B: DC - 8.5 GHz

50 WATTS



Features

Type N, SMA, or TNC stainless steel connectors per MIL-STD-348A, interface non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification. Passive convection cooling, flat base with mounting holes.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: WA 23B: DC - 4GHz
 WA 24B: DC - 8.5GHz

Nominal dB Values: 3 - 40 dB
 (50 dB available in a unidirectional variant)

Power Coefficient: < 0.0005 dB/dB/W;
 Bidirectional in power.

Power Rating: 50 W average to 25°C ambient temperature, de-rated linearly to 2.5 watts at 125° C. 5 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	
	WA23B	WA24B
1 - 2	0.5	0.75
3 - 20	0.4	0.75
21 - 30	0.6	1.0
31 - 40	0.8	1.2

Maximum VSWR:

Frequency (GHz)	VSWR	
	WA23B	WA24B
DC - 4.0	1.2	1.2
4.0 - 8.5	N/A	1.3

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
SMA F -01	9.8 (.39)
SMA M -02	10.9 (.43)
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
TNC F -05	14.4 (.57)
TNC M -06	17.7 (.70)

Weight: 280 (9.88)
Height: 36.8 (1.45)
Width: 38.1 (1.5)

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.

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