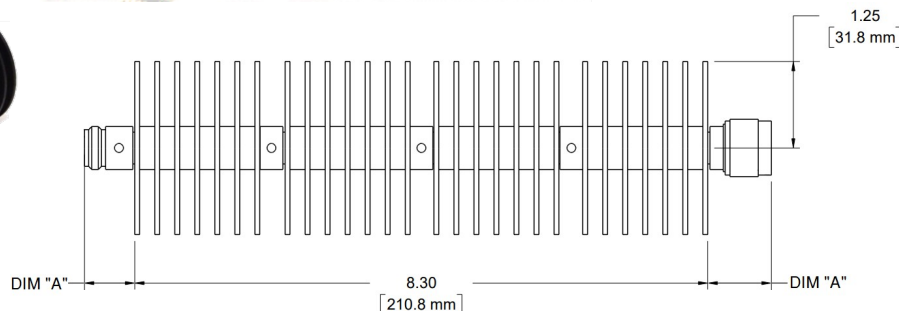


Fixed Coaxial Attenuator

WA92

WA92/12: DC – 12.4 GHz
WA92: DC – 18.0 GHz

150 WATTS



Features

Type N, SMA, or TNC stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: WA92/12: DC - 12.4 GHz.
WA92: DC - 18.0 GHz.

Nominal dB Values: 10 - 40 dB

Power Coefficient: < 0.0002 dB/dB/W;
Unidirectional in power.

Power Rating: 150 W maximum rated average power at 25°C, de-rated linearly to 10 W at 125°C. 1 kW peak power (5 µsec pulse width, 7.5% 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 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	
	WA92/12	WA92
10	2.00	2.00
20, 30, 40	1.50	1.50
LIM	3.00	3.00

Maximum VSWR:

Frequency (GHz)	VSWR			
	WA92/12 (10 dB)	WA92/12 (20 - 40 Db)	WA92 (10dB)	WA92 (20 - 40 dB)
DC - 12.4	1.60	1.50	1.60	1.50
12.4 - 18.0	N/A	N/A	1.60	1.50
LIM	1.50	1.50	1.50	1.50

Dimensions:

Connector Type (- code)	Length Dimension 'A'
	SMA F -01
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: 0.35 (12.3)
Diameter: 63.5 (2.5)

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.