

Fixed Coaxial Attenuator

WA59

DC – 2.5 GHz (Useable to 3.0 GHz)

100 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. Flat body with 6-32 mounting holes for conductive cooling.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC to 2.5 GHz

Nominal dB Values: 3 - 40 dB

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

Power Rating: 100 W maximum average rated power with case temperature held to 100°C using conductive heat sink. 10 kW peak power (5 µsec pulse width, 0.5% duty cycle).

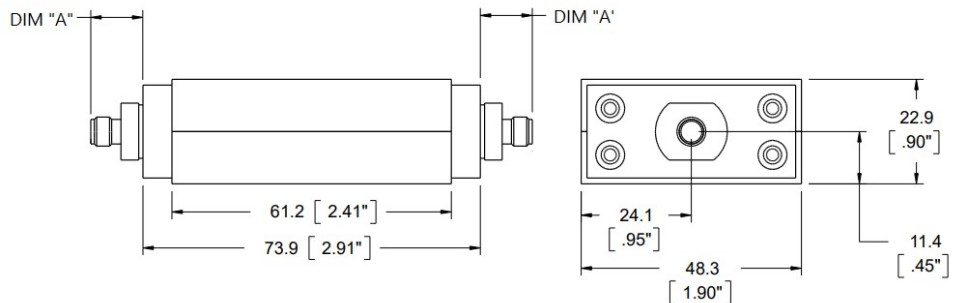
Temperature Range: -55°C to +125°C.

Temperature Coefficient: <0.0004 dB/dB/°C.

Construction: Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper or stainless steel contacts. RoHS Compliant.

Calibration: Insertion Loss and VSWR performed across frequency range. Calibration test data available at additional cost.

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



Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA59
3 - 40	0.7

Maximum VSWR:

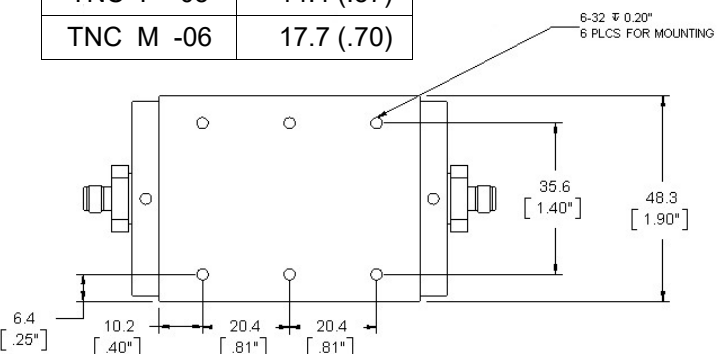
Frequency (GHz)	VSWR
	WA59
DC - 2.5	1.2

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: 0.14 (4.9)
Height: 22.9 (0.9)
Width: 48.3 (1.9)

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.



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