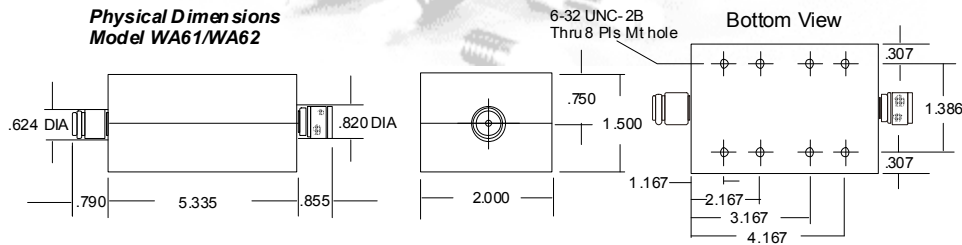


Fixed Coaxial Attenuator Model WA61 & WA62

Low-Profile Mountable

DC – 4.0 GHz WA61
DC – 8.5 GHz WA62

150 Watts
150 Watts



Features

Designed to meet MIL-DTL-3933 environmental specification. Conduction cooled.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: WA61: DC - 4.0 GHz.
WA62: DC - 8.5 GHz.

Nominal dB Values: 3 - 40 dB.

Power Sensitivity: < 0.0005 dB/dB/W;
Unidirectional in power.

Power Rating: 150 watts average, 5 kilowatt peak (5 µsec pulse width; 1.5% duty cycle) with case temperature held to +100°C maximum using conductive heat sink.

Temperature Range: -55°C to +125°C.

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

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			
	DC - 4.0 GHz		4.0 - 8.5 GHz	
	WA61	WA62	WA61	WA62
3,6	0.4	0.4	0.75	0.75
10,20	0.4	0.4	0.75	0.75
30	0.4	0.4	0.75	0.75
40	0.5	0.5	1.00	1.00

Construction: Black Aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper male/female contacts.

Connectors: Type N or DIN 7/16 stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 4.0	1.20
4.0 - 8.5	1.35

Weight:

Type N 1.5 kg/ 3.3 lb.
DIN 7/16 1.7 kg/ 3.7 lb.

Physical Dimensions:

Length:

Connector	Length
Type N	174.24 (6.86)
DIN 7/16	226.0 (8.5)

Width: 50.8 (2.0).

Height: 38.1 (1.5).

Note: Dimensions are given in mm (inches) unless otherwise specified.



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