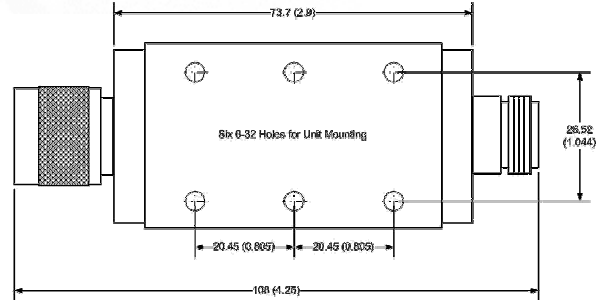
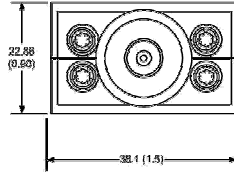


Fixed Coaxial Attenuator Low-Profile Mountable

MODEL WA71

DC – 4.0 GHz
Bi-directional

50 WATTS



Features

Designed to comply with MIL-DTL-3933. Bidirectional in power. Conductive Cooling. Flat base with mounting holes.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 4.0 GHz.

Nominal dB Value: 1 – 40 dB.

Power: 50W average bi-directional, Peak power of 5Kw; 5 μ sec pulse width; 0.5% duty cycle, with case temperature held to +100°C maximum using conductive heat sink.

Power Sensitivity: < 0.005 dB/dB/W.

Temperature Range: -55°C to 125°C.

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

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy \pm dB
	DC – 4.0 GHz
1 - 40	0.40

Connectors: Type N or SMA stainless steel M/F connectors per MIL-STD-3448A, interface dimensions mate nondestructively with MIL-PRF-39012.

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

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 4.0	1.20

Weight: .14 kg/5 oz.

Physical Dimensions:

Length:

Connector	Length
Type N	120.7 (4.3)
SMA	104.2 (4.1)

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



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Specification
Subject to change
without notice