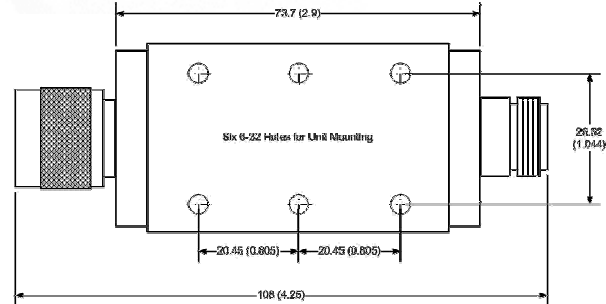
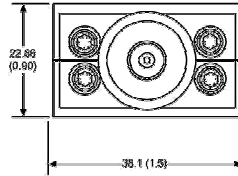


# Fixed Coaxial Attenuator Low-Profile Mountable

# MODEL WA72

DC – 8.5 GHz  
Bi-directional

50 WATT



## 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 – 8.5 GHz.

**Nominal dB Value:** 1 – 40 dB.

**Power:** 50W CW average bi-directional to 25°C; Peak power of 5KW; 5 μsec 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 ± dB	
	DC – 4.0 GHz	4.0 – 8.5 GHz
1 - 40	0.40	0.75

**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
4.0 – 8.5	1.30

**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.



## WEINSCHTEL ASSOCIATES

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Specification  
Subject to change  
without notice