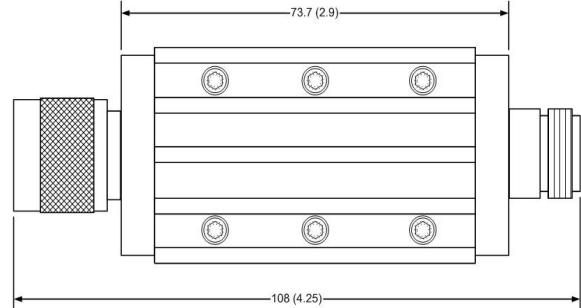
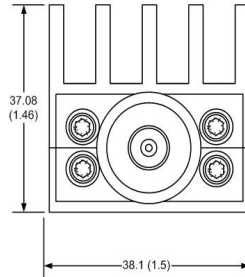


# Fixed Coaxial Attenuator

# MODEL WA24B

**DC – 8.5 GHz**  
*Bi-directional*

**50 WATTS**



## Features

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

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC – 8.5 GHz.

**Nominal dB Value:** 3 – 40 dB ( 50 dB unidirectional version also available).

**Power Sensitivity:** < 0.005 dB/dB/W.

**Power:** 50W CW average bi-directional to 25°C; de-rated linearly to 2.5 W at 125°C. Peak power of 5Kw; 5 µsec pulse width; 0.5% duty cycle.

**Standard Nominal Values and Deviations:**

Attenuation (dB)	Accuracy ± dB	
	DC – 4.0 GHz	4.0 – 8.5 GHz
3,6,10,20	0.4	0.75
30,40	0.6	1.00

**Temperature Range:** -55°C to 125°C.

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

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

**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

**Physical Dimensions:**

**Length:**

Connector Type	Length
SMA	114.3 (4.50)
Type N	112.5 (4.43)

**Weight:** .28 kg/10 oz.

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



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