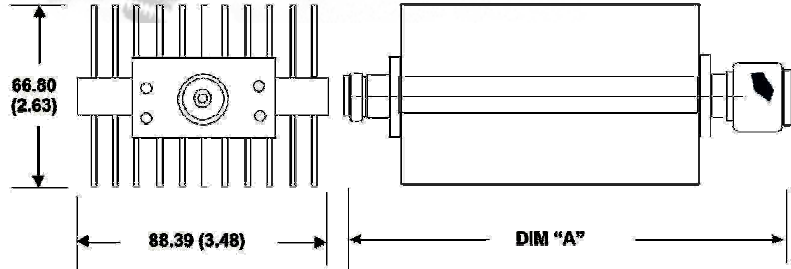


# Fixed Coaxial Attenuator High Power

# MODEL WA58

DC – 5.0 GHz

250 WATTS



## Features

Designed to meet MIL-DTL-3933 environmental specification. Unit may be mounted in any position.

Low Intermodulation Option in 10, 20, 30, and 40dB models.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 5.0 GHz.

**Nominal dB Values:** 3 - 40 dB.

**Power Sensitivity:** < 0.0001 dB/dB/W.

**Power Rating:** 250W CW / 10 KW peak; Unidirectional. Full power from -55°C to +25°C.

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

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

**Maximum VSWR:**

Frequency (GHz)	VSWR
DC - 2.0	1.20
2.0 - 5.0	1.25

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

**Construction:** Black aluminum alloy body with passivated stainless steel connectors.

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

Add -LIM for Low Intermodulation option after connector option.  
Example: WA58-dB-XX-LIM

## Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB DC - 5.0 GHz	
	WA58	WA58-LIM
3,6	1.50	N/A
10,20	1.50	2.00
30,40	1.75	3.00

## Physical Dimensions:

Connector Type	Dim "A"	Weight kg/lb
Type N	235.71 (9.28)	1.54 / 3.4
DIN 7/16	276.35 (10.88)	1.72 / 3.8

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



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Specification  
Subject to change  
without notice