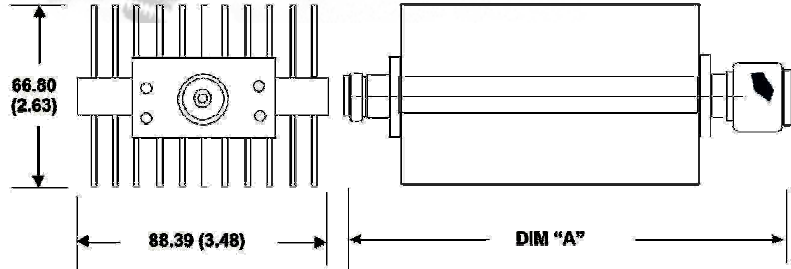


Fixed Coaxial Attenuator High Power

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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