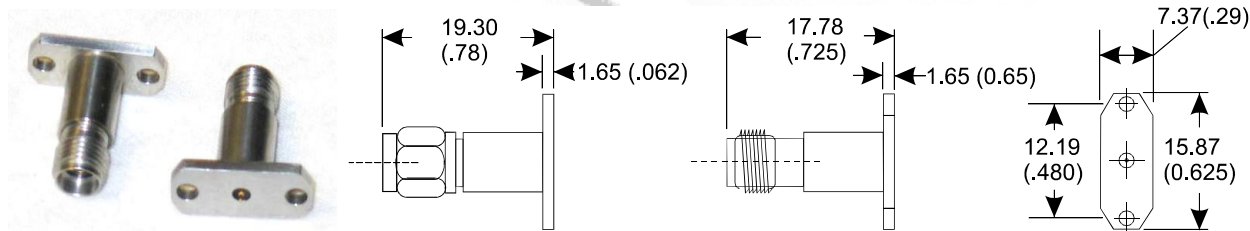


Fixed Coaxial Attenuator Flange Mount

MODEL WA12

DC – 18.0 GHz

2 WATTS



Features

2 hole flange mount.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 18.0 GHz.

Nominal dB Values: 0 – 12 dB.

Input Power: 2 watts average, 250watts peak to 25°C ambient temperature, de-rated linearly to 0.5 watts at + 125°C, (5µsec pulse width 0.5% duty cycle).

Temperature Coefficient: < 0.0004 dB/dB/°C

Temperature Range: -55°C to + 125°C.

Maximum VSWR:

| Frequency (GHz) | VSWR |
|-----------------|------|
| DC - 4.0 | 1.15 |
| 4.0 - 12.4 | 1.25 |
| 12.4 - 18.0 | 1.50 |

Standard Nominal Values and Deviations:

| Attenuation (dB) | Accuracy ± dB |
|------------------|---------------|
| 0 - 9 | 0.3 |
| 10 - 12 | 0.5 |

Connectors: SMA passivated stainless steel connectors per MIL-STD-348. Interface dimension mate nondestructively with MIL-PRF-39012 connectors.

Construction: Stainless steel body with stainless steel connectors with gold plated beryllium copper female contact and stainless steel male contact.

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

Weight: 1 oz.

Note: Dimensions are given in mm (inched). Dimensions are maximum unless otherwise specified.



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