

# Fixed Coaxial Attenuator

# WA80

DC – 2.5 GHz (Usable to 3 GHz)

2000 WATTS



## Features

Type N or DIN 7/16 stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification. DIN 7/16 connector, conforms to DIN 47223, IEC 169-4, VG 95250, CECC 22190. Forced air cooling.

## Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC to 2.5 GHz (Usable to 3.0 GHz)

**Nominal dB Values:** 20, 30, 40 dB

**Power Coefficient:** < 0.0001 dB/dB/W;  
Unidirectional in power.

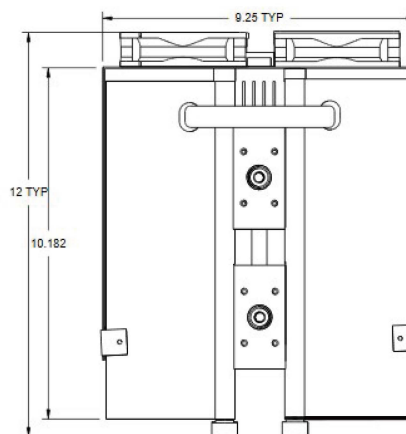
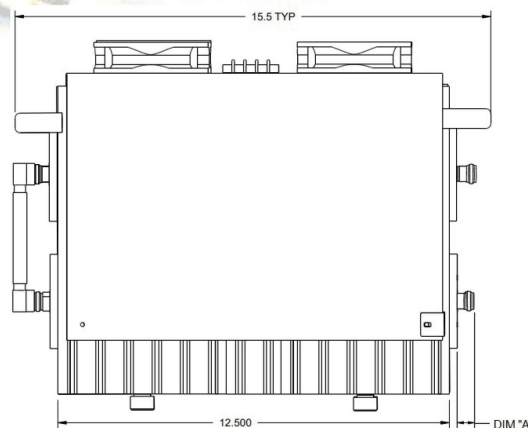
**Power Rating:** 2000 W maximum average power to +25°C ambient temperature, de-rated linearly to 100 W at +125°C. 10 kW peak (5 µsec pulse width; 10% duty cycle).

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

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

**Construction:** Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper or stainless steel contacts. RoHS Compliant.

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



## Attenuation Accuracy:

Attenuation (dB)	Accuracy ± dB
	WA80
20	+3.5/-3.0 dB
30, 40	+/- 2.5 dB

**Maximum VSWR:** 1.35

## Dimensions:

<b>Height:</b>	295.0 (11.61)
<b>Width:</b>	234.0 (9.21)
<b>Length:</b>	394.0 (15.5)
<b>Weight:</b>	20.55 (724.8)

Note: Dimensions are given in mm (in), or kg (oz). Weight figure is nominal, with our standard connector configuration. Additional con-