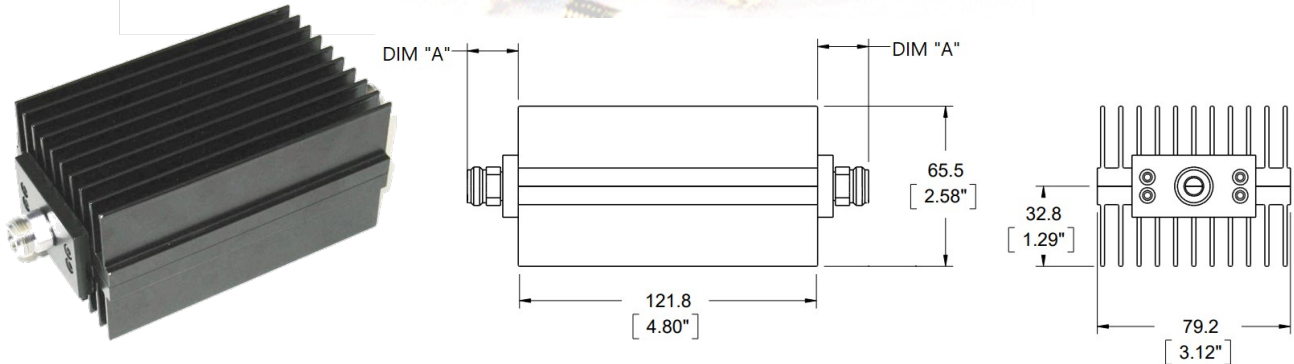


Fixed Coaxial Attenuator

WA40

DC – 3.0 GHz

150 WATTS



Features

Type N, 7/16 DIN, SMA or TNC 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.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 3.0 GHz.

Nominal dB Values: 3 - 40 dB

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

Power Rating: **150 W** maximum average rated power to 25°C ambient temperature, de-rated linearly to 15 W at 125°C. **10 kW** peak power (5 µsec pulse width, 0.75% 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. Test data available at additional cost.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA40
3 - 40	0.75

Maximum VSWR: 1.1

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
SMA F -01	9.8 (.39)
SMA M -02	10.9 (.43)
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
TNC F -05	14.4 (.57)
TNC M -06	17.7 (.70)
7/16 DIN F -07	30.5 (1.2)
7/16 DIN M -08	31.8 (1.25)

Weight: 1.0
(35.3)
Height: 65.5
(2.58)
Width: 79.2
(3.12)

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

Low Intermodulation Option: Add -LIM after connector option to specify low intermodulation.