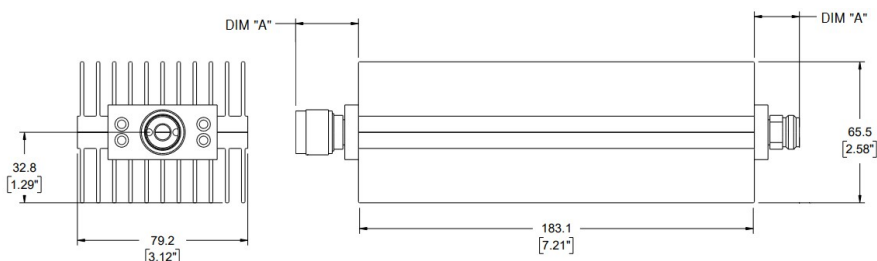


Fixed Coaxial Attenuator

WA45

WA45: DC – 3.0 GHz

250 WATTS



Features

Type N or 7/16 DIN stainless steel connectors per MIL-STD-348A, interface non-destructively with MIL-PRF-39012. Designed to meet MIL-DTL-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: WA45: DC - 3.0 GHz.

Nominal dB Values: 3 - 40 dB

Power Coefficient: < 0.005 dB/dB/W;
Unidirectional in power.

Power Rating: 250 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 25 W at 125°C. 10 kW peak power (5 µsec pulse width, 1.25% 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.

* Mounting Bracket available at additional cost.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	WA45
3 - 40	0.75

Maximum VSWR:

Frequency (GHz)	VSWR
	WA45
DC - 3.0	1.15

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
N-Type F -03	14.9 (.59)
N-Type M -04	10.9 (.43)
DIN 7/16 F -07	30.5 (1.2)
DIN 7/16 M -08	31.8 (1.25)

Weight: 1.3 (2.9)
Height: 65.5 (2.58)
Width: 79.2 (3.12)

Note: Dimensions are given in mm (in), or kg (lbs). 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.