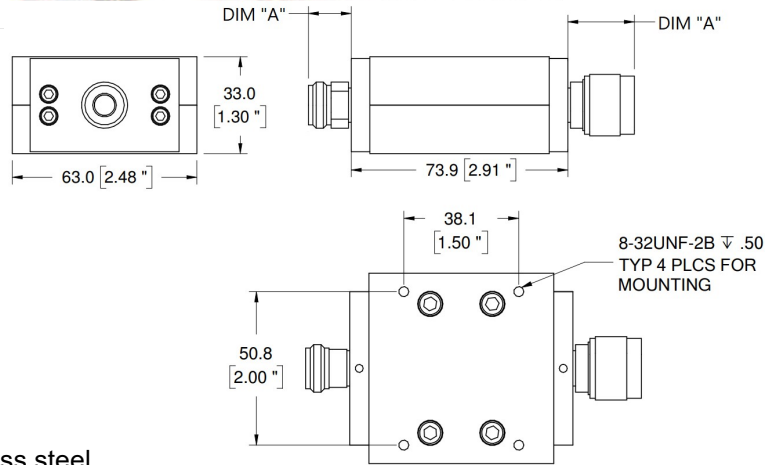


Fixed Coaxial Attenuator

WA42

DC – 3.0 GHz

150 WATTS



Features

Type N, DIN 7/16, 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. *Low profile, mountable housing.*

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 with case temperature held to 100°C using conductive heat sink. **10 kW** peak power (5 μ sec pulse width, .75% duty cycle).

Temperature Range: -55°C to +100°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.

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy \pm dB
	WA42
3 - 40	0.5

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: 0.5 (17.6)
Height: 33.0 (1.3)
Width: 63.0 (2.48)
Mounting: 4x 8-32, .5" deep

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.