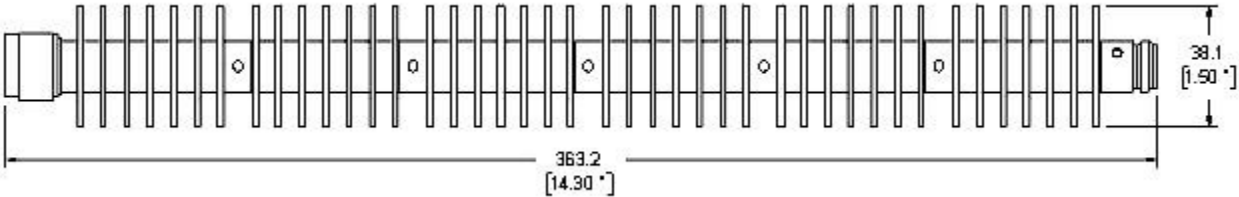


Fixed Coaxial Attenuator High Power - High Frequency

MODEL WA66

DC – 18 GHz

150 WATTS



Features

Designed to meet the environmental requirements of MIL-DTL-3933.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC – 18 GHz.

Nominal dB Values: 10 - 40 dB.

Power Sensitivity: < 0.00015 dB/dB/W;
Unidirectional in power.

Power Rating: 150 watts average. Maximum rated average power to 25°C ambient temperature, derated linearly to 10 watts at 125°C. 1 kilowatt peak (5 µsec pulse width; 5% duty cycle).

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
	DC – 18.0 GHz
10	2.00
20, 30, 40	1.50

Temperature Range: -55°C to +125°C.

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

Connectors: Type N female/male connectors per MIL-STD-348 interface dimension, mate non-destructively with MIL-PRF-39012 connectors.

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

Construction: Black aluminum alloy body with stainless steel connectors; gold plated beryllium copper female contact and stainless steel male contacts.

Maximum VSWR:

Frequency (GHz)	VSWR 10 dB	VSWR 20,30,40 dB
DC – 18.0	1.90	1.50

Length:

Connector	Dimension A
Type N	363.5 (14.3)

Weight: 510 g/ 18 oz.

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



WEINSCHTEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: sales@WeinschelAssociates.com

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Specification
Subject to change
without notice