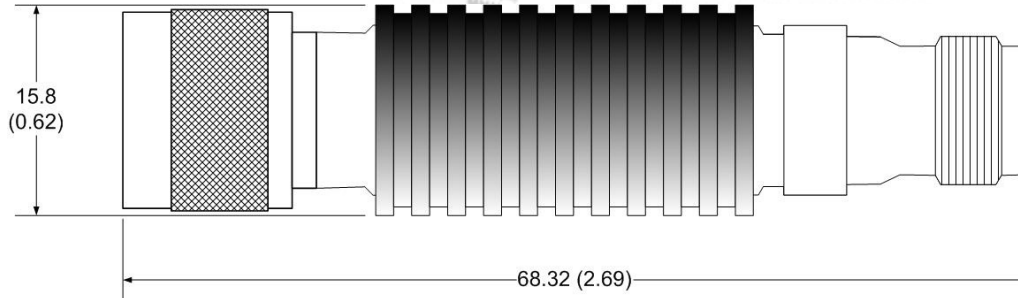


Fixed Coaxial Attenuator

MODEL WA41T

DC – 18.0 GHz

10 WATTS



Features

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. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: DC - 18.0 GHz.

Nominal dB Values: 1 - 30 dB.

Power Sensitivity: < 0.005 dB/dB/W;
Bidirectional in power.

Power Rating: 10W CW / 1 KW peak. Full power from -55°C to +25°C. Derated linearly to 0 watts at 125°C.

Temperature Range: -55°C to +125°C.

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

Standard Nominal Values and Deviations:

Attenuation (dB)	Accuracy ± dB
1, 2, 10	0.5
3, 6	0.3
20	0.7
30	1.0

Construction: Black aluminum alloy body with passivated stainless steel connectors.

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC - 8.0	1.20
8.0 - 12.4	1.35
12.4-18.0	1.45

Weight:

.056 kg/ 2 oz.

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified.



WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

EMAIL: sales@WeinschelAssociates.com

39

Specification
Subject to change
without notice