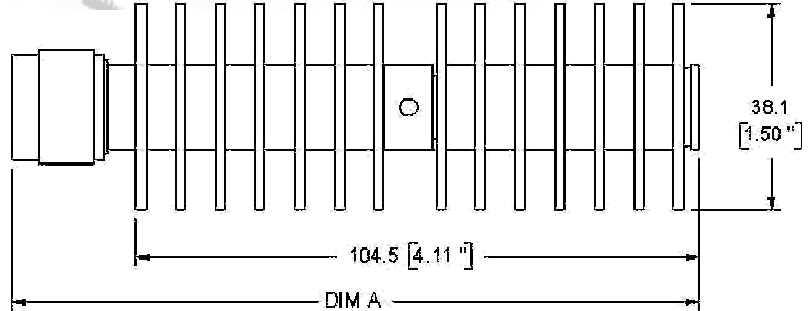


TERMINATION

MODEL WA1447

DC –18.0 GHz

50 WATTS



Features

Type N or SMA stainless steel M or F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-A-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC -18.0 GHz

Power Rating: 50W CW/ 1 KW peak. Maximum rated average power to 25°C ambient temperature, de-rated linearly to 10 watts at 125°C. 1 kilo-watt peak (5 µsec pulse width; 5% duty cycle).

Temperature Range: -55°C to +125°C

Construction: Black finned aluminum alloy body with passivated stainless steel connector. Gold plated beryllium copper female contact.

Calibration: 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	1.25
12.4 – 18.0	1.35

Weight: (Max)

Type N	0.18 kg/ 6 oz
SMA	0.12 kg/ 4 oz

Physical Dimensions:

Length:

Connector	Dimension A
Type N male	128.3 (5.05)
Type N female	121.9 (4.80)
SMA male	118.1 (4.65)
SMA female	116.9 (4.60)

Diameter: 38.1 (1.50)

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

103

Specification
Subject to change
without notice