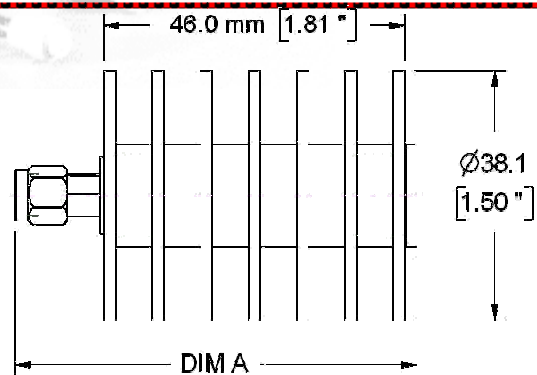


TERMINATION

MODEL WA1446

DC –18.0 GHz

25 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 specifications.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC -18.0 GHz

Power Rating: 25W CW/ 1 KW peak. Maximum rated average power to 25°C ambient temperature, de-rated linearly to 10 watts at 125°C. 1 kilowatt 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

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	81.53 (3.21)
Type N female	82.30 (3.24)
SMA male	87.38 (3.44)
SMA female	84.07 (3.31)

Diameter: 41.40 (1.63)

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



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Specification
Subject to change
without notice