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Test & Measurement

- sales
- rentals
- calibration
- repair
- disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



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TERMINATION

MODEL WA1448

DC – 18.0 GHz

100 WATTS



Features

Type N or SMA stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-A-39030 environmental specification.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC - 18.0 GHz

Power Rating: 100 watt maximum rated average power to 25°C ambient temperature, mounted horizontally, 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: Passivated stainless steel connectors with black finned aluminum body. Gold plated beryllium copper contacts or passivated stainless steel male contact.

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

Weight:

Type N Male	.32 kg/ 11.0 oz
Type N Female	.31 kg/ 10.7 oz
SMA Male	.26 kg/ 9.0 oz
SMA Female	.26 kg/ 9.0 oz

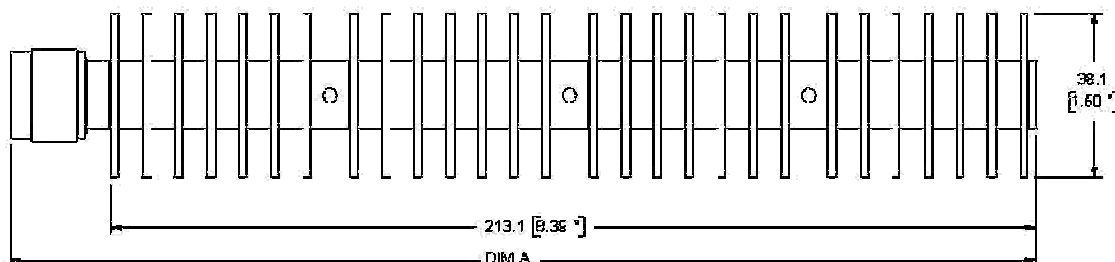
Physical Dimensions:

Connector	Dimension "A"
Type N Male	236.3 (9.30)
Type N Female	231.2 (9.10)
SMA Male	228.6 (9.00)
SMA Female	227.3 (8.95)

Maximum VSWR:

Frequency (GHz)	VSWR	
	Type N	SMA
DC – 8.0	1.25	1.25
8.0 – 12.4	1.30	1.35
12.4 – 18.0	1.45	1.45

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



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