

# 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

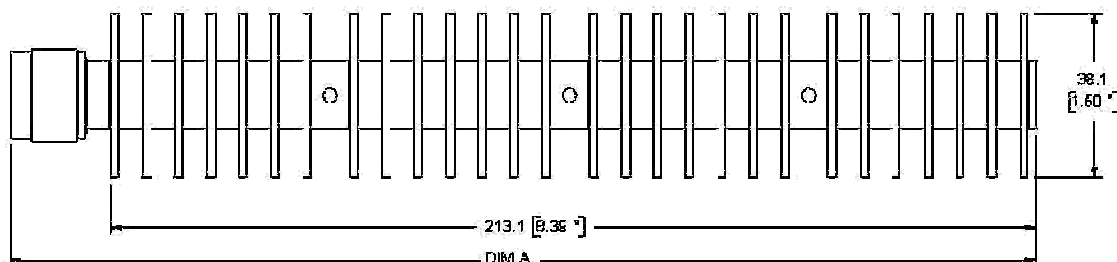
## Physical Dimensions:

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.



## WEINSCHEL ASSOCIATES

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Specification  
Subject to change  
without notice