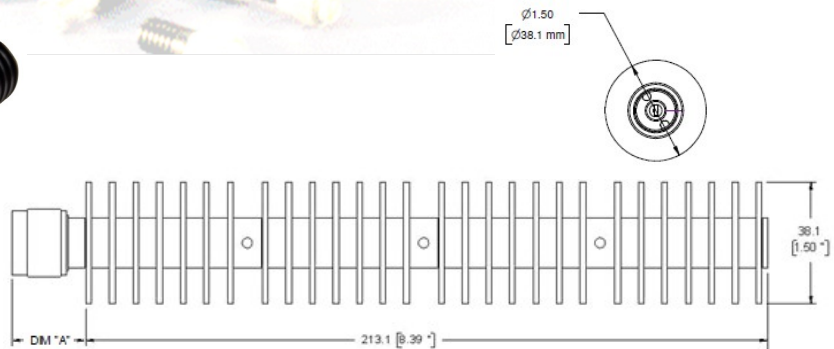


# Termination

# WA1448

DC - 18.0 GHz

100 WATTS



## Features

N-type or SMA stainless steel M/F connector per MIL-STD-348A, interface dimensions mate non-destructively 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.

**Power Rating:** 100 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 10 W at 125°C. 1 kW peak power (5 µsec pulse width, 5% duty cycle).

**Temperature Range:** -55°C to +125°C.

**Construction:** Black aluminum alloy body with passivated stainless steel connector. Gold plated beryllium copper or stainless steel contacts. RoHS Compliant.

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

**Low Intermodulation Option:** Add -LIM after connector option to specify low intermodulation.

### Maximum VSWR:

| Frequency (GHz) | VSWR<br>WA1448 |
|-----------------|----------------|
| DC - 8.0        | 1.25           |
| 8.0 - 12.4      | 1.35           |
| 12.4 - 18.0     | 1.45           |

### Dimensions:

| Connector Type (- code) | Length<br>Dimension 'A' |
|-------------------------|-------------------------|
| SMA F -01               | 9.8 (.39)               |
| SMA M -02               | 10.9 (.43)              |
| N-Type F -03            | 14.9 (.59)              |
| N-Type M -04            | 22.7 (.89)              |

**Weight:** 0.41 (14.46)  
**Diameter:** 38.1 (1.5)

*Note: Dimensions are given in mm (in), or kg (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.*

## WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

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

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Specification