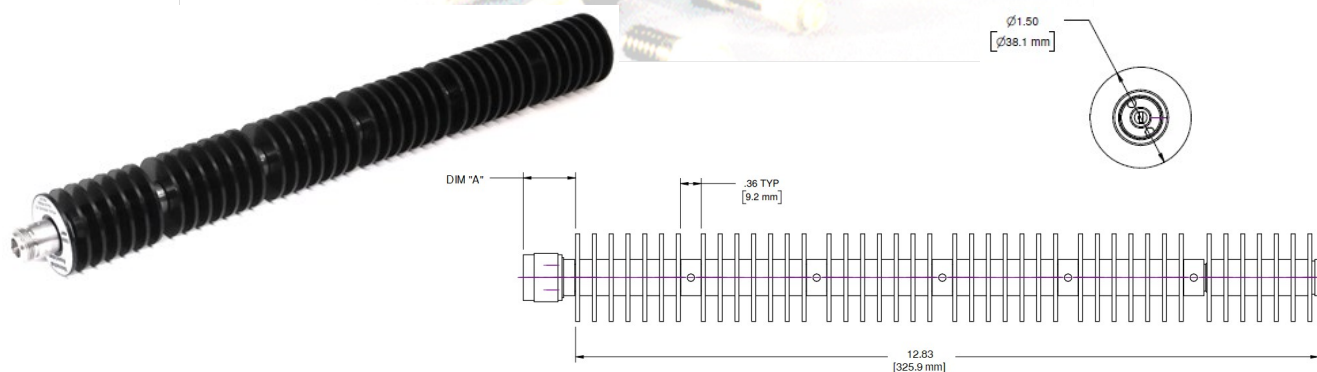


# Termination

# WA1466

## DC - 18.0 GHz

## 150 WATTS



### Features

SMA, Type N, or TNC stainless steel M/F connector per MIL-STD-348A, interface dimensions mate nondestructively 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:** 150 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 15 W at 125°C. 1 kW peak power (5 µsec pulse width, 7.5% duty cycle).

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

**Construction:** Black aluminum alloy body with passivated stainless steel connector. Gold plated beryllium copper 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>WA1466 |
|-----------------|----------------|
| DC - 18.0       | 1.5            |

### Dimensions:

**Weight:** 0.62 (21.87)

**Diameter:** 38.1 (1.5)

| Connector Type (- code) | Length        |
|-------------------------|---------------|
|                         | 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)    |
| TNC F -05               | 14.4 (.57)    |
| TNC M -06               | 17.7 (.70)    |

*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*