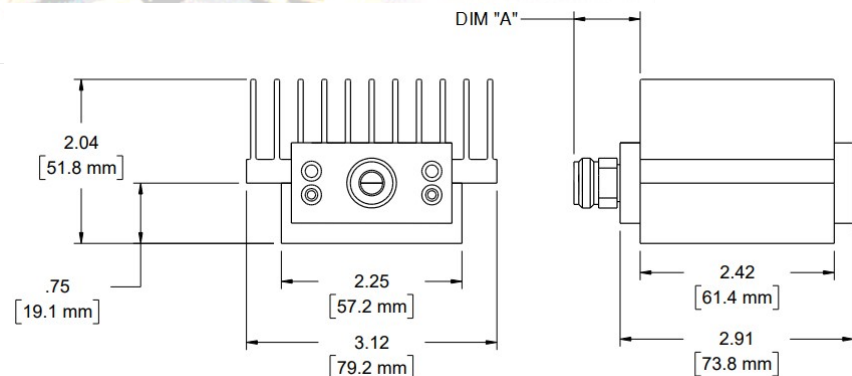


# Termination

# WA1422

## DC – 4.0 GHz

## 75 WATTS



### Features

Type N, DIN 7/16, TNC or SMA 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.

### Maximum VSWR:

| Frequency (GHz) | VSWR<br>WA1422 |
|-----------------|----------------|
| DC - 4.0        | 1.2            |

### Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** DC - 4.0 GHz.

**Power Rating:** 75 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 15 W at 125°C. 5 kW peak power (5 µsec pulse width, 0.75% duty cycle).

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

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

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

### 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)              |
| TNC F -05               | 14.4 (.57)              |
| TNC M -06               | 17.7 (.70)              |
| 7/16 DIN F -07          | 30.5 (1.2)              |
| 7/16 DIN M -08          | 31.8 (1.25)             |

**Weight:** .55 (19.2)  
**Height:** 51.8 (2.04)  
**Width:** 79.2 (3.12)

*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.*

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

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