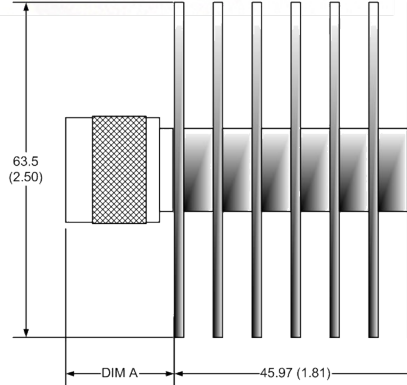
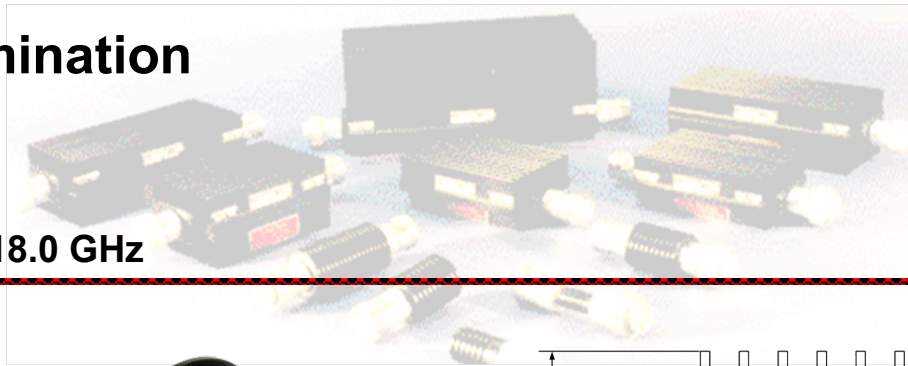


# Termination

# WA1490

## DC – 18.0 GHz

## 50 WATTS



### Features

Type N, SMA, or TNC connectors 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:** 50 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 5 W at 125°C. 1 kW peak power (5 µsec pulse width, 2.5% duty cycle).

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

**Construction:** Black aluminum alloy body with passivated stainless steel connectors. 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
	WA1490
DC - 18.0	1.2

### Dimensions:

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)

**Diameter:** 63.5 (2.5)  
**Weight:** 0.21 (7.41)

*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.*