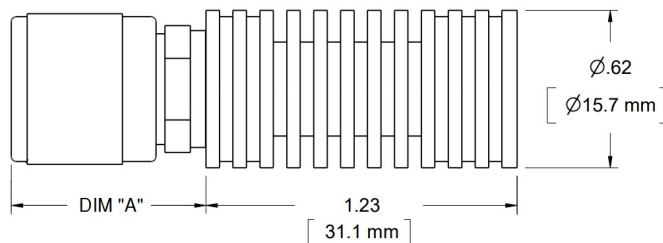
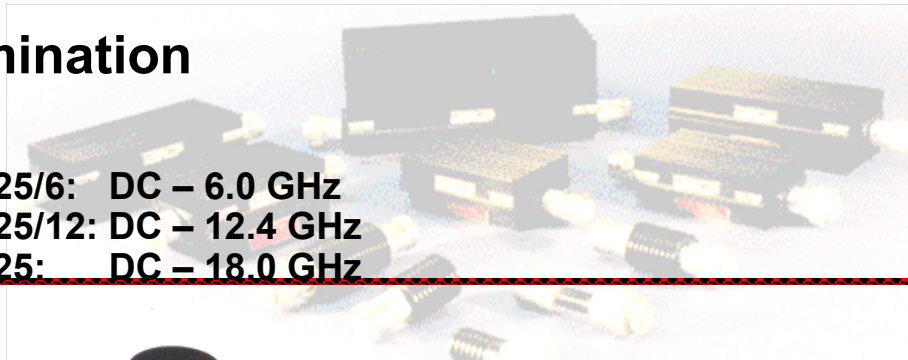


# Termination

# WA1425

WA1425/6: DC – 6.0 GHz  
 WA1425/12: DC – 12.4 GHz  
 WA1425: DC – 18.0 GHz

## 10 WATTS



### Features

Type N or TNC 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.

### Specifications

**Nominal Impedance:** 50 ohms.

**Frequency Range:** WA1424: DC - 18.0 GHz  
 WA1424/6: DC - 6.0 GHz  
 WA1424/12: DC - 12.4 GHz

**Power Rating:** 10 W maximum rated average power at 25°C, de-rated linearly to 0.5 W at 125°C. 1 kW peak power (5 µsec pulse width, 0.5% 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.

### Maximum VSWR

Frequency (GHz)	VSWR		
	WA1425	WA1425/6	WA1425/12
DC - 2.0	1.05	1.05	1.05
2.0 - 4.0	1.07	1.07	1.07
4.0 - 8.0	1.15	1.15	1.15
8.0 - 12.4	1.3	N/A	1.3
12.4 - 18.0	1.35	N/A	N/A

### Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
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)

**Weight:** 0.11 (3.88)  
**Body Diameter:** 16.0 (0.63)

*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.*