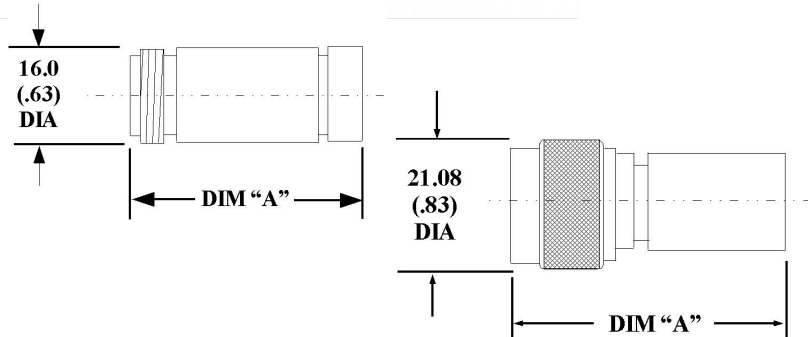


Termination

WA1424

WA1424/6: DC – 6.0 GHz
 WA1424/12: DC – 12.4 GHz
 WA1424: DC – 18.0 GHz

5 WATTS



Maximum VSWR

Frequency (GHz)	VSWR		
	WA1424	WA1424/6	WA1424/12
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

Features

N-type 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: 5 W maximum rated average power at 25°C, de-rated linearly to 0 W at 125°C. 1 kW peak power (5 µsec pulse width, 0.25% duty cycle).

Temperature Range: -55°C to +125°C.

Construction: Passivated stainless steel body and 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:

Dimension	Connector Type			
	N-Type (F) -03	N-Type (M) -04	TNC (F) -05	TNC (M) -06
Length (Dim A)	40 (1.57)	45 (1.77)	45 (1.77)	48 (1.89)
Weight (nominal)	.06 (2.12)	.06 (2.12)	.062 (2.2)	.062 (2.2)

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.