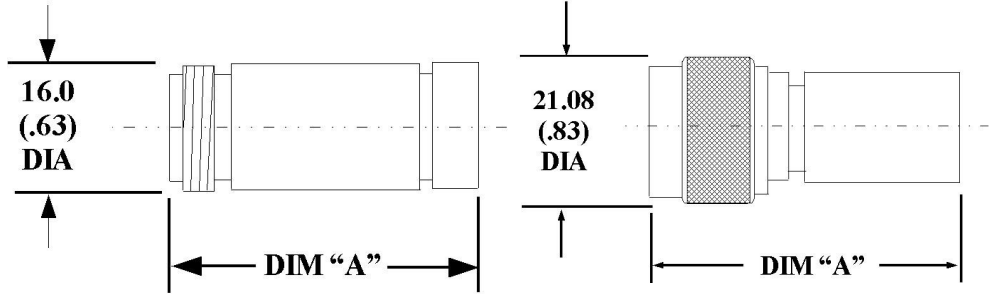


TERMINATION

MODEL WA1424

DC – 12.4 GHz WA1424/12
DC – 18.0 GHz WA1424

5 WATTS



Model WA1424-3 & WA1424-4

Features

Type N or TNC stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-DTL-39030 environmental specification.

Specifications

Nominal Impedance: 50 ohms

Frequency Range:

WA1424/12: DC - 12.4 GHz
WA1424: DC - 18.0 GHz

Power Rating: 5 watts average power to 25°C ambient temperature, de-rated linearly to 0 watts at 125°C. 5 kilowatts peak (5 µsec pulse width; 0.05% duty cycle). 1 kilowatts peak (5 µsec pulse width; 0.25% duty cycle).

Temperature Range: -55°C to +125°C

Temperature Coefficient: < 0.0004 dB/dB/°C

Construction: Passivated stainless steel body and connectors. Gold plated beryllium copper contacts.

Weight:

1424-3 .06 kg/ 2.0 oz.
1424-4 .06 kg/ 2.0 oz.
1424-5 .06 kg/ 2.2 oz.
1424-6 .06 kg/ 2.2 oz.

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

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 2.0	1.03
2.0 – 4.0	1.05
4.0 – 8.0	1.15
8.0 – 12.4	1.30
12.4 – 18.0	1.35

Physical Dimensions:

Length:

Connector	Dim "A"
1424-3 N(f)	40 (1.6)
1424-4 N(m)	45 (1.8)
1424-5 TNC(f)	45 (1.8)
1424-6 TNC(m)	48 (1.9)

Note: Dimensions are given in mm (inches) and are maximum, unless otherwise specified



WEINSCHTEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: sales@WeinschelAssociates.com