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Test & Measurement

- > sales
- > rentals
- > calibration
- > repair
- > disposal

Complimentary Reference Material

This PDF has been made available as a complimentary service for you to assist in evaluating this model for your testing requirements.

TMG offers a wide range of test equipment solutions, from renting short to long term, buying refurbished and purchasing new. Financing options, such as Financial Rental, and Leasing are also available on application.

TMG will assist if you are unsure whether this model will suit your requirements.

Call TMG if you need to organise repair and/or calibrate your unit.

If you click on the "Click-to-Call" logo below, you can call us for FREE!

TMG Corporate Website

TMG Products Website



Disclaimer:

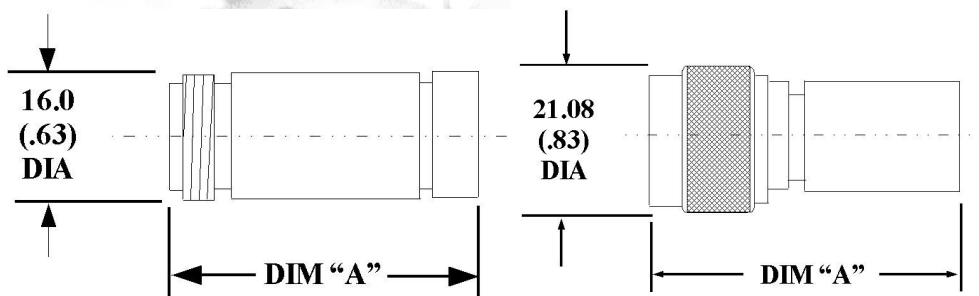
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TERMINATION

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



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