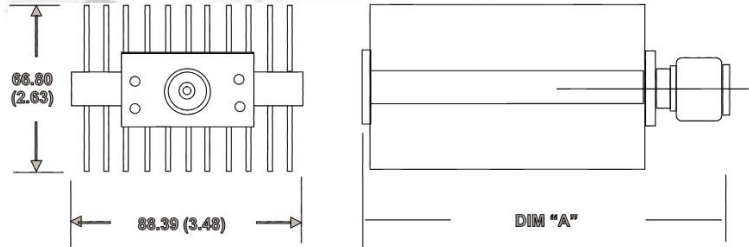


TERMINATION

MODEL WA1438

DC – 5.0 GHz

300 WATTS



Features

Type N and 7/16 DIN stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012. Designed to meet MIL-A-3933 environmental specification.

Specifications

Nominal Impedance: 50 ohms

Frequency Range: DC - 5.0 GHz

Power Sensitivity: < 0.0001 dB/dBxW
Unidirectional in power.

Power Rating: 300 watt CW/ 10KW peak.
Maximum rated average power to 25°C ambient temperature, de-rated linearly to 25 watts at 125°C. 10 kilowatt peak (5 µsec pulse width; 1.5% duty cycle).

Temperature Range: -55°C to +125°C.

Temperature Coefficient: < 0.0004 dB/dBx°C

Construction: Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contacts.

Calibration: Insertion Loss and VSWR performed at DC, 2.0, 4.0, and 5.0 GHz. All calibration data is available at additional cost.

Maximum VSWR:

Frequency (GHz)	VSWR
DC – 2.0	1.15
2.0 – 5.0	1.25

Weight: 1.28 kg/ 2.75 lbs.

Length: 233.93 (9.21)

Width: 79.45 (3.13)

Height: 50.55 (1.99)

Note: Dimensions are given in mm (inches) and are maximum ± .05 in., unless otherwise specified.



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