

Termination

WA1471 & WA1472

WA1471: DC – 4.0 GHz
WA1472: DC – 8.5 GHz

50 WATTS



Features

N-type or SMA 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. Unit may be mounted in any position.

Specifications

Nominal Impedance: 50 ohms.

Frequency Range: WA1471: DC - 4.0 GHz.
WA1472: DC - 8.5 GHz.

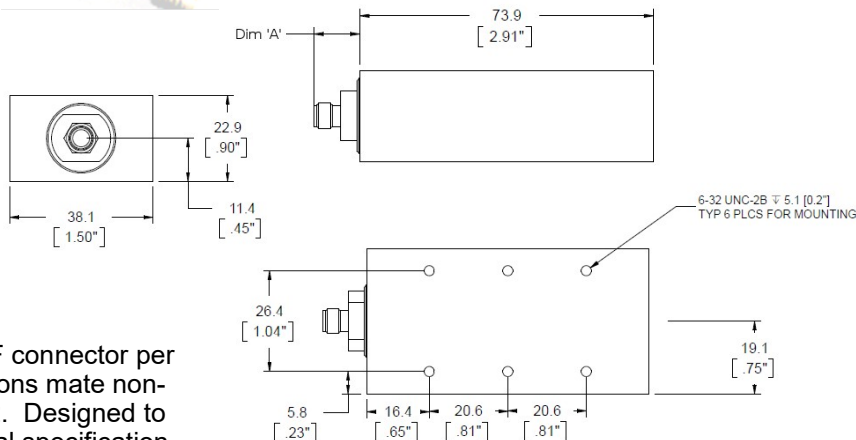
Power Rating: 50 W maximum rated average power with case temperature held to +100°C using conductive heat sink. 5 kW peak power (5 µsec pulse width, 0.5% duty cycle).

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.

Low Intermodulation Option: Add -LIM after connector option to specify low intermodulation.



Maximum VSWR:

Frequency (GHz)	VSWR	
	WA1471	WA1472
DC - 4.0	1.2	1.2
4.0 - 8.5	N/A	1.3

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
DIN 7/16 F -07	30.5 (1.2)
DIN 7/16 M -08	31.8 (1.25)

Weight: 0.14 (4.94)
Height: 22.9 (0.9)
Width: 38.1 (1.5)

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.

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Specification