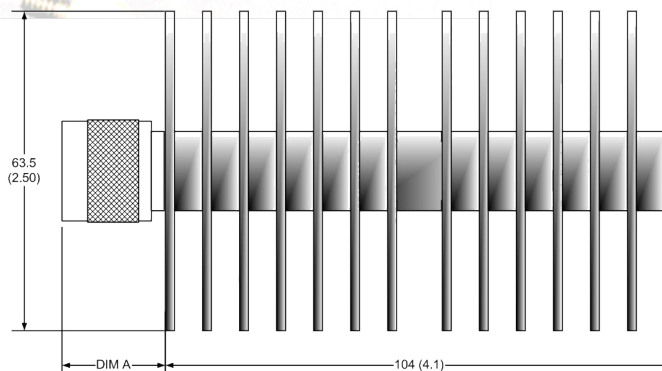


Termination

WA1491

DC – 18.0 GHz

100 WATTS



Features

Type N, SMA, or TNC connectors 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: DC - 18.0 GHz.

Power Rating: 100 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 10 W at 125°C. 1 kW peak power (5 µsec pulse width, 5% duty cycle).

Temperature Range: -55°C to +125°C.

Construction: Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper 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
	WA1491
DC - 8.0	1.2
8.0 - 12.4	1.25
12.4 - 18.0	1.35

Dimensions:

Connector Type (- code)	Length
	Dimension 'A'
SMA F -01	9.8 (.39)
SMA M -02	10.9 (.43)
N-Type F -03	14.9 (.59)
N-Type M -04	22.7 (.89)
TNC F -05	14.4 (.57)
TNC M -06	17.7 (.70)

Diameter: 63.5 (2.5)
Weight: 0.41 (14.46)

Note: Dimensions are given in mm (in), or g (oz). Weight figure is nominal, with our standard connector configuration. Additional connector options may be available.