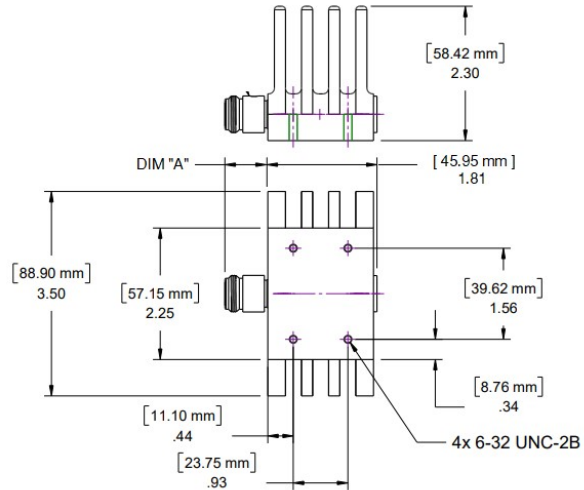
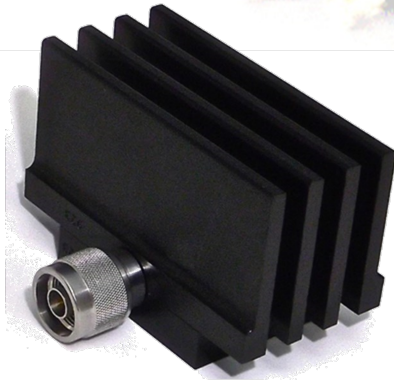
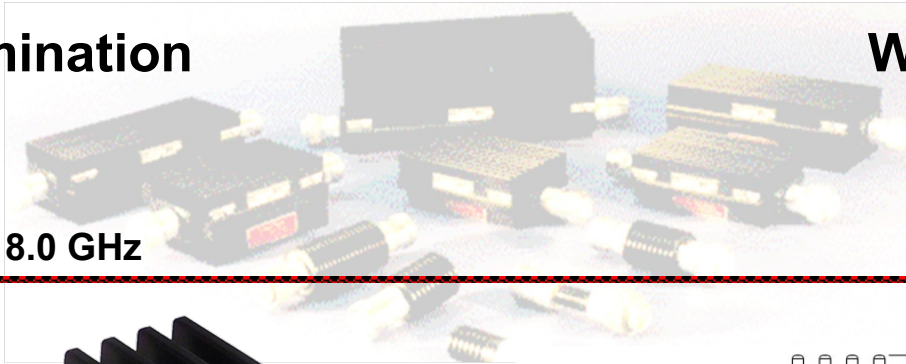


Termination

WA1490B

DC – 18.0 GHz

50 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: 50 W maximum average rated power to 25°C ambient temperature, de-rated linearly to 5 W at 125°C. 1 kW peak power (5 µsec pulse width, 2.5% 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 |
|-----------------|---------|
| | WA1490B |
| 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) |

Weight: 0.41 (14.5)
Height: 58.42 (2.3)
Width: 88.9 (3.5)

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.