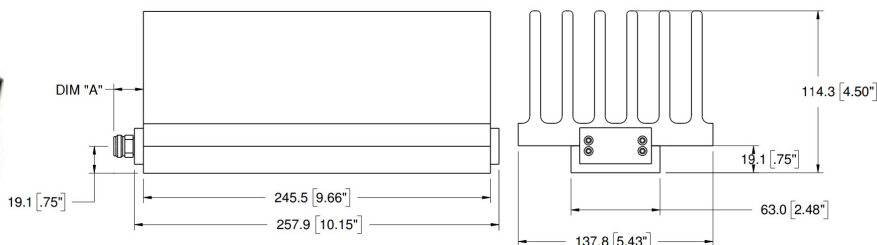


Termination

WA1453

DC - 3.0 GHz

500 WATTS



Maximum VSWR:

| Frequency (GHz) | VSWR |
|-----------------|--------|
| | WA1453 |
| DC - 3.0 | 1.1 |

Features

Type N or DIN 7/16 stainless steel M/F connector per MIL-STD-348A, interface dimensions mate nondestructively 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 - 3.0 GHz.

Power Rating: **500 W** maximum average rated power to 25°C ambient temperature, de-rated linearly to 30 W at 125°C. **10 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 connector. Gold plated beryllium copper or stainless steel contact. 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.

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: 3.7 (130.5)
Height: 114.3 (4.5)
Width: 137.8 (5.43)

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.