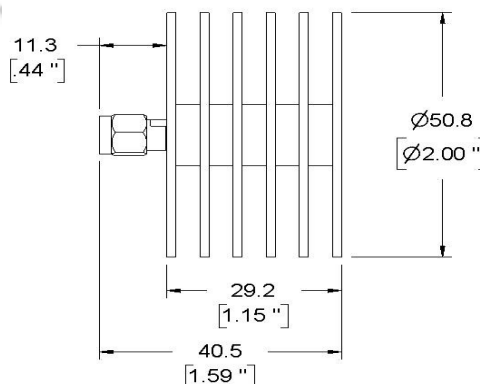


# TERMINATION 3.5mm Connector

# MODEL WA1444

DC – 26.5 GHz

25 WATTS



## Features

Stainless steel Male or Female 3.5mm connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

Compact design for one of the lowest size/power ratios available. Designed to meet MIL-DTL-39030 environmental specifications. Unit may be mounted in any position. Optional 2.92mm connector available.

## Specifications

**Nominal Impedance:** 50 ohms

**Frequency Range:** DC - 26.5 GHz.

**Power Rating:** 25 watts average. Maximum rated average power to 25°C ambient temperature, derated linearly to 2.5 watts at 125°C. 500 watts peak (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.

**Connectors:** 3.5mm stainless steel M/F connectors per MIL-STD-348A, interface dimensions mate nondestructively with MIL-PRF-39012.

**Calibration:** VSWR performed across frequency range. Calibration test data available at additional cost.

### Maximum VSWR:

| Frequency (GHz) | VSWR |
|-----------------|------|
| DC – 26.5       | 1.25 |

**Weight:** 100 g (3.53 oz)

### Physical Dimensions:

#### Length:

| Connector Option  | Length      |
|-------------------|-------------|
| 3.5mm Male (-2)   | 40.5 (1.59) |
| 3.5mm Female (-1) | 39.5 (1.55) |

**Width:** 50.8 (2.00)

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



## WEINSCHEL ASSOCIATES

TEL: 877.948.8342 / 301.963.4630 ♦ Fax: 301.963.8640

WEB: <http://www.WeinschelAssociates.com>

EMAIL: [sales@WeinschelAssociates.com](mailto:sales@WeinschelAssociates.com)

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