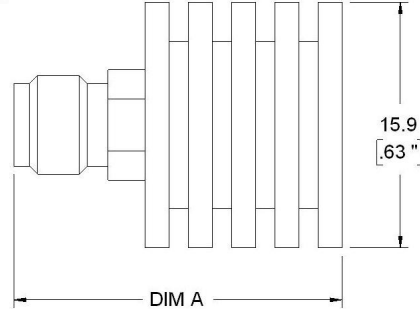


# TERMINATION

# MODEL WA1443

DC – 18.0 GHz

5 WATTS



## Features

Stainless steel Male or Female SMA 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.

## Specifications

**Nominal Impedance:** 50 ohms

**Frequency Range:** DC -18.0 GHz

**Power Rating:** 5 watts average. Maximum rated average power to 25°C ambient temperature, de-rated linearly to 0.5 watts at 125°C. 1 kilowatt peak (5 µsec pulse width; 0.05% duty cycle).

**Temperature Range:** -55°C to +125°C

**Construction:** Black aluminum alloy body with passivated stainless steel connectors. Gold plated beryllium copper contacts.

**Calibration:** VSWR performed across frequency range. Option 890 or custom calibration test data available at additional cost.

### Maximum VSWR:

Frequency (GHz)	VSWR
DC – 18.0	1.20

**Weight:** 10 g (0.35 oz)

### Physical Dimensions:

#### Length:

Connector Option	Length Dim. A
SMA Male (-2)	23.2 (0.91)
SMA Female (-1)	20.9 (0.82)

**Width:** 16.0 (0.63)

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



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