

## Model 1444 Medium Power Coaxial Termination

dc to 26.5 GHz  
25 Watts

*Convection Cooled*



### Features

- /// Designed to meet environmental requirements of MIL-D-39030.
- /// Precision Connectors.
- /// Flat Response.

### Specifications

**NOMINAL IMPEDANCE:** 50 Ω

**FREQUENCY RANGE:** dc to 26.5 GHz

MAXIMUM SWR:	
Frequency (GHz)	SWR
dc - 26.5	1.25

**POWER RATING:** 25 watts average (**mounted horizontally**) average @ 25°C ambient temperature, derated linearly to 2.5 watt @ 125°C. 500 watts **peak** (5 μsec pulse width; 2.5% duty cycle).

**TEMPERATURE RANGE:** -55°C to +125°C

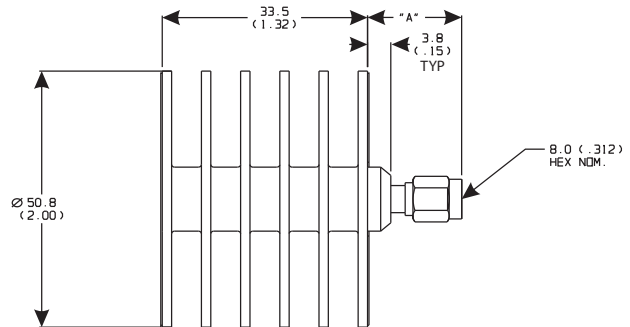
**TEST DATA:** SWR Testing performed across the frequency band. Test data is available at additional cost.

**CONNECTOR:** 3.5mm connectors - mate nondestructively with SMA per MIL-C-39012, 2.92mm, and other 3.5mm connectors. Choice of male (-2) or female connector (-1).

**CONSTRUCTION:** Black, finned aluminum body, stainless steel connector; gold plated beryllium copper contacts.

**WEIGHT:** 100 g (5.2 oz)

**PHYSICAL DIMENSIONS:**



Model #	DIM A	Connector Type
1444-1	15.0 (0.59)	3.5mm female
1444-2	16.0 (0.63)	3.5mm male

NOTE: All dimensions are given in mm (inches) and are maximum, unless otherwise specified.