

Model 1444 Medium Power, 3.5mm Connectors Convection Cooled

dc to 26.5 GHz
25 Watts



TEMPERATURE RANGE: -55°C to +125°C

TEST DATA: Swept data plots of SWR from 50 MHz to 26.5 GHz.

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 (3.5 oz)

PHYSICAL DIMENSIONS:

Features

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

Specifications

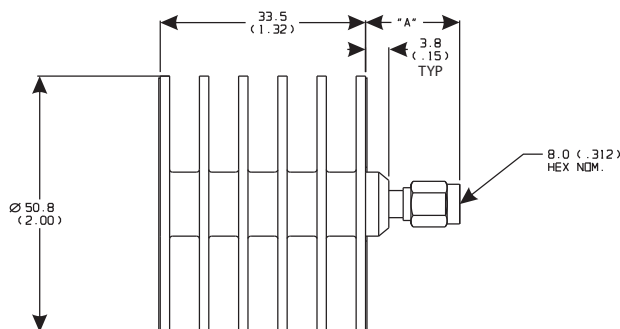
NOMINAL IMPEDANCE: 50 Ω

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 μ sec pulse width; 2.5% duty cycle).



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.