Terminations & Loads



Model 1445A SMK Connectors







Features

// Compact Construction - Lowest size/power ratio.

// Precision Injection Molded Connector.

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 40.0 GHz

SWR
1.20
1.35

POWER RATING: 5 watts average (mounted horizontally) to 25°C ambient temperature, derated linearly to 0.5 watts @ 125°C. 200 watts peak (5 μ sec pulse width; 1.25% duty cycle).

TEMPERATURE RANGE: -55°C to +125°C

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

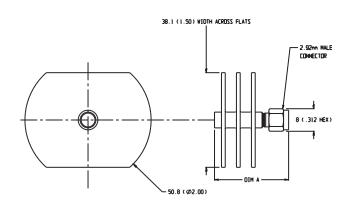
40 GHz is available at additional cost.

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

CONSTRUCTION: Black, finned aluminum body, gold

plated beryllium copper contacts.

WEIGHT: 200 g (7 oz) **PHYSICAL DIMENSIONS**:



Model #	DIM A	Connector Type
1445A-1	33.8 (1.33)	2.92mm female
1445A-2	37.8 (1.49)	2.92mm male

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