

Terminations & Loads



Model 1459 Precision Coaxial Termination

dc to 40.0 GHz
2 Watts

Ruggedized 2.92mm Connector



Features

- /// High Performance - Precision Lab Grade
- /// Subminiature Size and Lightweight - All models are approximately 0.5 inches long, and weigh less than 3 grams with male connector
- /// Low SWR Design Option
- /// Rugged Construction

Specifications

NOMINAL IMPEDANCE: 50 Ω

FREQUENCY RANGE: dc to 40.0 GHz

POWER RATING: 2.0 watt **average** @ 25°C ambient temperature, derated linearly to 0.2 watts @ 100°C. 500 watts **peak** maximum (5 μsec pulse width; 0.2% duty cycle).

MAXIMUM SWR:			
Frequency Range (GHz)	F1459 M1459	F1459A	M1459A
dc - 18	1.15	1.10	1.10
18 - 40	1.25	1.18	1.15

TEMPERATURE RANGE: -50°C to +100°C

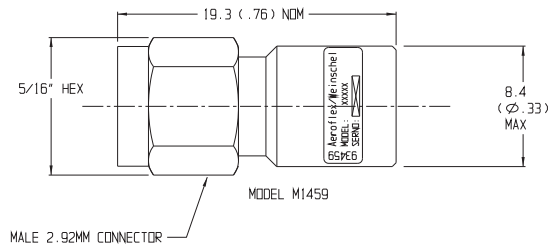
TEST DATA: SWR Testing performed across the frequency band. Test data is available at additional cost.

CONNECTOR: Ruggedized 2.92mm connector compatible with SMA, 3.5mm and SMK connector. Choice of male or female connector. When ordering, prefix model number with M for male and F for female.

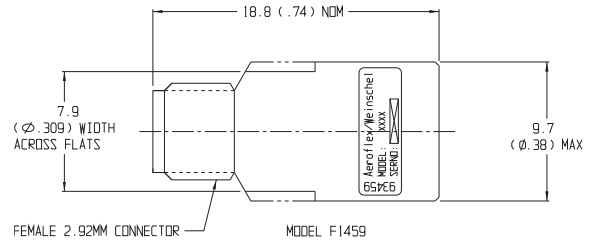
WEIGHT: 6.0 g (0.17 oz) maximum

PHYSICAL DIMENSIONS:

Model M1459/M1459A:

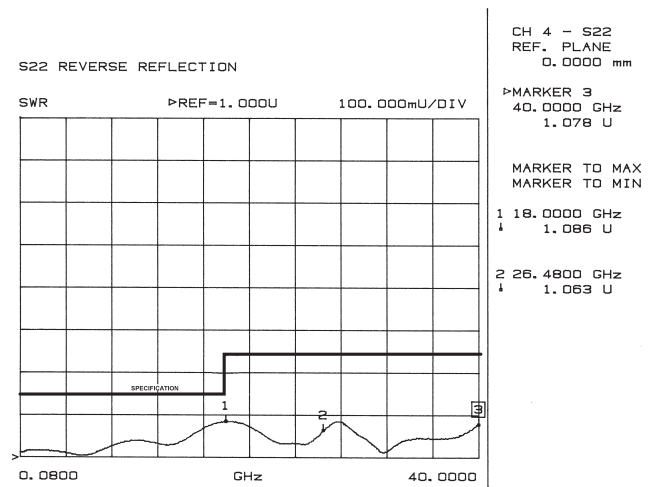


Model F1459/F1459A:



NOTE:

1. All dimensions are given in mm (inches) and are maximum, unless otherwise specified.
2. Unit available with RoHS compliant materials, specify when ordering.



Typical M1459 SWR Performance