

1 Watt RF Load Up to 18 GHz with SMP Male



PE6TR1039

RF Terminations Technical Data Sheet

Features

- 50 Ohm RF Load
- DC to 18 GHz Frequency Range
- VSWR 1.20:1 Max

Applications

- Wireless
- SatCom

- Radar Systems
- Test and Measurement
- Commercial and Military
 Communication

Max Power 1 Watt (CW)

SMP Male Coaxial Interface

Description

RF termination (also called RF load or dummy load) PE6TR1039 from Pasternack operates from DC to 18 GHz and handles up to 1 Watt (CW). This SMP termination (or load) is a 50 Ohm impedance and has a Male gender. PE6TR1039 50 Ohm SMP load termination offers 1.20:1 max VSWR. RF terminations / loads are critical passive components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can reduce the signal integrity can potentially damage the device. By terminating an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These radio frequency termination components are commonly used to terminate devices such as couplers, circulators, and switches. Loads / terminations are also widely used in measurement systems to ensure accurate results. Pasternack offers a large selection of in-stock RF, microwave and millimeter wave terminations up to 65 GHz with great performance over the entire operating range and with power handling capabilities up to 800 Watts (CW).

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Input Power (CW)			1	Watts
Input Power (Peak)			100	Watts
1 µsec PW, 1% DC				

Mechanical Specifications

Configuration Connector Connector Specification

SMP Male MIL STD-348A

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 1 Watt RF Load Up to 18 GHz with SMP Male PE6TR1039

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com

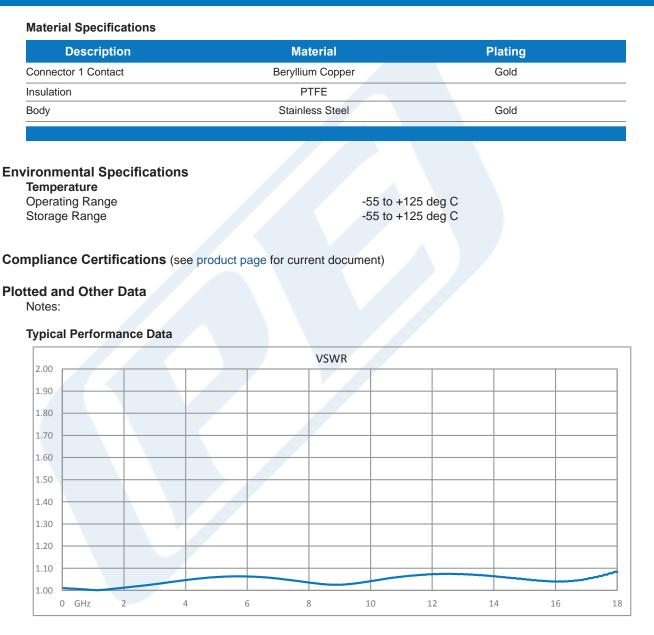


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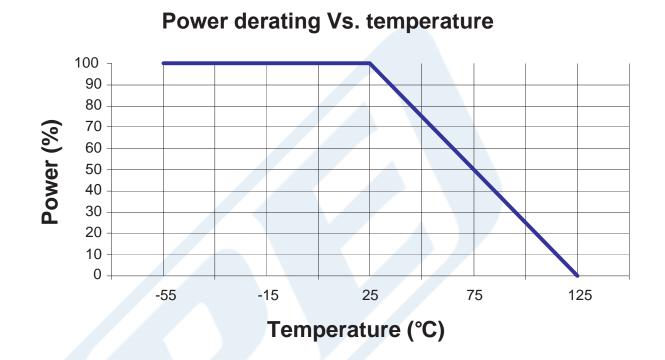
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1 Watt RF Load Up to 18 GHz with SMP Male from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

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URL: https://www.pasternack.com/1-watts-smp-male-rf-load-18-ghz-pe6tr1039-p.aspx

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PE6TR1039 CAD Drawing 1 Watt RF Load Up to 18 GHz with SMP Male

