



2 Watt Feed-Thru Load Up to 1,000 MHz with SMA Male to Female Passivated Stainless Steel

RF Terminations Technical Data Sheet

PE6026

Features

- DC to 1,000 MHz Frequency Range
- VSWR 1.25:1 Max
- Max Power 2 Watts (CW)
- SMA Male to Female Coaxial Interface

Applications

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

Description

Pasternack's PE6026 is an RF feed-thru termination (also called RF feed-thru load) that operates from DC to 1,000 MHz and handles up to 2 Watts (CW). This feed-thru SMA load is designed to be used with test equipment, like oscilloscopes, to match the equipment to the 50 Ohm device under test (DUT). PE6026 feed-thru SMA load termination offers 1.25:1 max VSWR.

RF load / terminations are indispensable components in many RF, microwave and millimeter wave systems where signal reflection from unused ports can potentially damage the device or reduce the signal integrity. By terminating an unused port with a matched load (dummy load), the incident energy will be absorbed with minimal reflection. These termination components are commonly used to terminate devices such as couplers, circulators, and switches. They are also widely used in measurement systems to ensure accurate results. Pasternack offers a huge selection of RF, microwave and millimeter wave terminations up to 65 GHz with excellent performance over the entire operating range and power handling capabilities up to 800 Watts (CW).

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Impedance		50		Ohms
VSWR			1.25:1	
Input Power (CW) derated linearly to 0.5W at +125°C			2	Watts

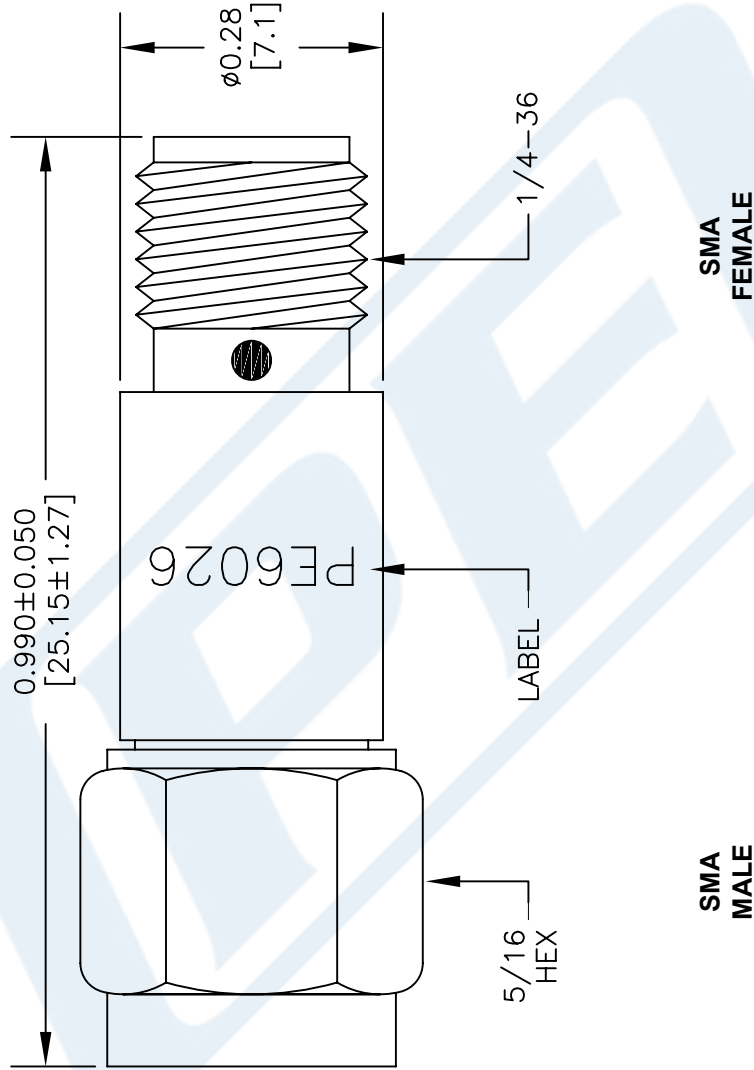
Mechanical Specifications

Size	
Length	0.99 in [25.15 mm]
Width	0.315 in [8 mm]
Weight	0.013 lbs [5.9 g]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2 Watt Feed-Thru Load Up to 1,000 MHz with SMA Male to Female Passivated Stainless Steel PE6026](#)

PE6026 CAD Drawing

2 Watt Feed-Thru Load Up to 1,000 MHz with SMA Male
to Female Passivated Stainless Steel



STANDARD TOLERANCES

DECIMAL ±0.01
.XX ±0.005
.XXX ±0.005

*STANDARD TOLERANCES APPLY
ONLY TO DIMENSIONS IN INCHES



THE ENGINEER'S RF SOURCE
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DWG TITLE

PE6026

NOTES:
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].

FSCM NO. 53919

CAD FILE 052316

SCALE N/A

SIZE A

3045