

Feed Thru Load 2 Watts to 1,000 MHz Tri-Metal over Copper Plated Brass SMA Male



FMTR6026A

Features

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

Applications

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

Description

Fairview Microwave's FMTR6026A 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). FMTR6026A 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. Fairview Microwave 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, Input			1.25:1	
Input Power (CW)			2	Watts

Mechanical Specifications

Size

Length	0.76 in [19.3 mm]
Width	0.31 in [7.87 mm]
Height	0.31 in [7.87 mm]
Weight	0.1 lbs [45.36 g]

Configuration

Connector 1	SMA Male
Connector 2	SMA Female

Material Specifications

Description	Material	Plating
Connector 1 Contact	Beryllium Copper	Gold over Nickel-Phosphorus Alloy over Copper
Connector 2 Contact	Beryllium Copper	Gold over Nickel over Copper
Insulation	Teflon	

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Material Specifications

Description	Material	Plating
Gasket	Silicone	
Connector 1 Body	Brass	Tri-Metal over Copper
Housing	Brass	Tri-Metal over Copper

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

Feed Thru Load 2 Watts to 1,000 MHz Tri-Metal over Copper Plated Brass SMA Male from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [Feed Thru Load 2 Watts to 1,000 MHz Tri-Metal over Copper Plated Brass SMA Male FMTR6026A](#)

URL: <https://www.fairviewmicrowave.com/feed-thru-load-2-watts-1-ghz-sma-male-fmtr6026a-p.aspx>

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