

2 Watt 50ohm SMB Jack Termination 4GHz VSWR1.2

RF termination (also called RF load or dummy load) FMTR041 from Fairview Microwave operates from DC to 4 GHz and handles up to 2 Watts (CW). This SMB termination (or load) is a 50 Ohm impedance and has a Jack interface. FMTR041 50 Ohm SMB load termination offers 1.2:1 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. Fairview Microwave 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).



Features:

- DC to 4 GHz Frequency Range
- Max Power 2 Watt (CW)
- SMB Jack Coaxial Interface
- Max VSWR 1.2:1
- 50ohm Impedance
- Quick Snap-on Coupling

Applications:

- Test and Measurement
- Commercial and Military Communication
- Base Stations
- Antenna Systems
- GPS Systems

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		4	GHz
Impedance		50		Ohms
VSWR			1.2:1	
Input Power (CW)			2	Watts

Mechanical Specifications

Size		
Length		0.74 in [18.8 mm]
Width		0.3 in [7.62 mm]
Weight		0.0269 lbs [12.2 g]

Configuration	
Connector	SMB Jack

Material Specifications

Description	Material	Plating
Connector 1 Contact	Beryllium Copper	Gold 4μ in. minimum
Insulation	PTFE	
Body	Brass	Gold
Coupling Nut	Brass	Tri-Metal

Environmental Specifications

Temperature	
Operating Range	-55 to +165 deg C

Fairview Microwave
 301 Leora Ln., Suite 100
 Lewisville, TX 75056
 Tel: 1-800-715-4396 / (972) 649-6678
 Fax: (972) 649-6689
www.fairviewmicrowave.com
sales@fairviewmicrowave.com

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

Plotted and Other Data

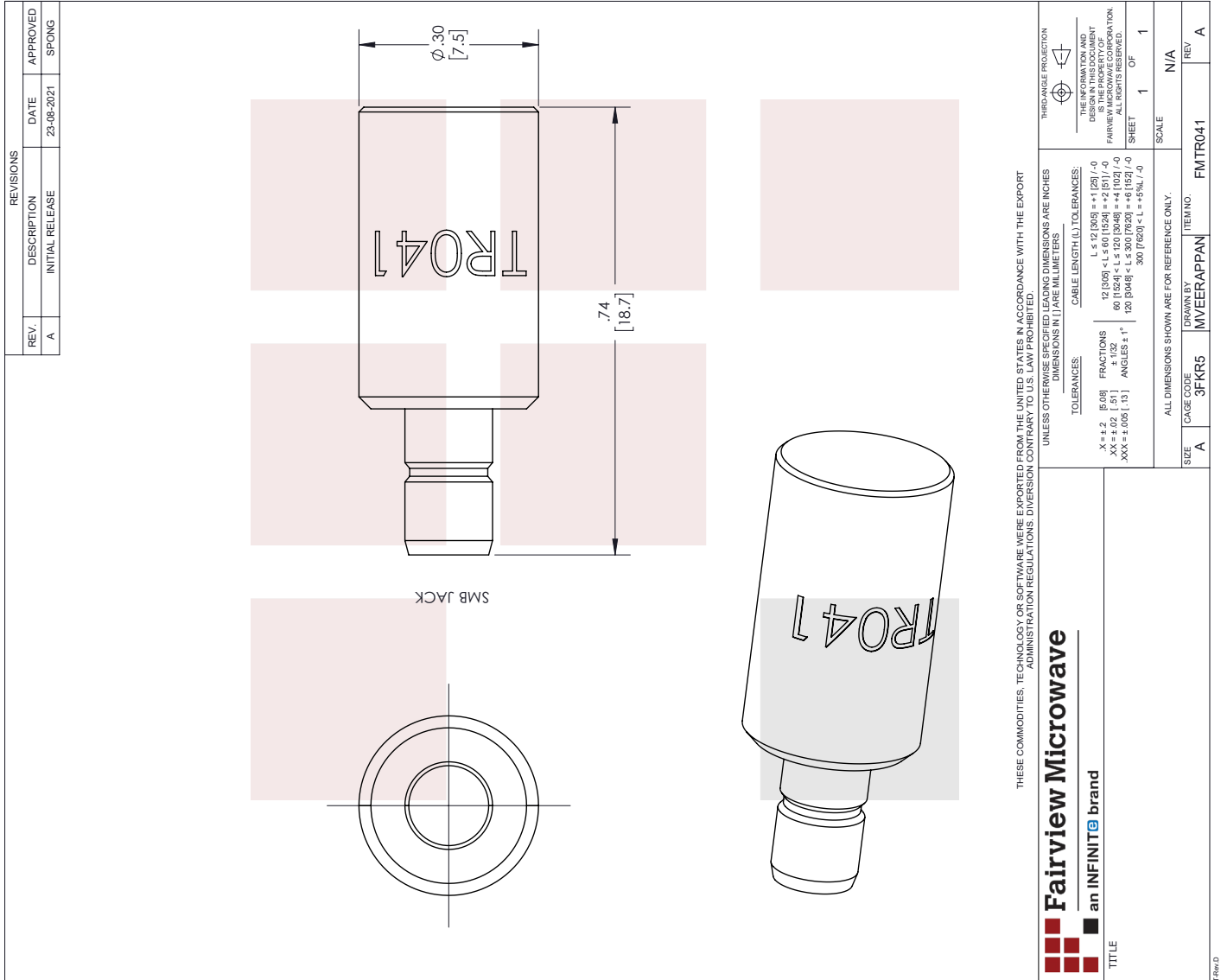
Notes:

2 Watt 50ohm SMB Jack Termination 4GHz VSWR1.2 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: [2 Watt 50ohm SMB Jack Termination 4GHz VSWR1.2 FMTR041](#)

URL: <https://www.fairviewmicrowave.com/rf-load-2-watts-4-ghz-smb-jack-fmtr041-p.aspx>

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