

2 Watt 75ohm BNC plug termination 2GHz VSWR1.2

RF termination (also called RF load or dummy load) FMTR040 from Fairview Microwave operates from DC to 2 GHz and handles up to 2 Watt (CW). This BNC termination (or load) has a male gender. FMTR040 BNC 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 and 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 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 2 GHz Frequency Range
- Max Power 2 Watt (CW)
- BNC Male Coaxial Interface
- Max VSWR 1.2:1
- 75ohm Impedance

Applications:

- Wireless
- Video Signal Transmission
- Radar Systems
- Test and Measurement
- Commercial and Military Communication
- Avionics

Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		2	GHz
Impedance		75		Ohms
VSWR			1.2:1	
Input Power (CW)			2	Watts

Mechanical Specifications

Size

Length	1.1 in [27.94 mm]
Width	0.57 in [14.48 mm]
Weight	0.0269 lbs [12.2 g]

Configuration

Connector	BNC Male
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Material Specifications

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

Environmental Specifications

Temperature

Operating Range	-55 to +165 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

2 Watt 75ohm BNC plug termination 2GHz 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 75ohm BNC plug termination 2GHz VSWR1.2 FMTR040](#)

URL: <https://www.fairviewmicrowave.com/rf-load-2-watts-2-ghz-bnc-male-fmtr040-p.aspx>

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REVISIONS		DATE	APPROVED
REV.	DESCRIPTION	8/5/2021	S.PONG
A	INITIAL RELEASE		

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TOLERANCES:	CABLE LENGTH (L) TOLERANCES:	THIRD ANGLE PROJECTION
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	300 [7620] < L = +5%L / -0	

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

TITLE	DRAWN BY	ITEM NO.	SCALE	REV
	A	3FKRS	N/A	A
		PD	FMTR040	

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