

## 2 Watt RF Load 6 GHz with 4.3-10 Female

RF termination (also called RF load or dummy load) FMTR1122 from Fairview Microwave operates from DC to 6 GHz and handles up to 2 Watts (CW). This 4.3-10 termination (or load) is a 50 Ohm impedance and has a Female gender. FMTR1122 50 Ohm 4.3-10 load termination offers 1.250 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:

- 50 Ohm RF Load
- DC to 6 GHz Frequency Range
- VSWR 1.25:1 Max
- Max Power 2 Watt (CW)
- 4.3-10 Female Coaxial Interface

### Applications:

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

### Electrical Specifications

Description	Min	Typ	Max	Units
Frequency Range	DC		6	GHz
Impedance		50		Ohms
VSWR			1.25:1	
Input Power (CW)			2	Watts
Input Power (Peak)			500	Watts

### Mechanical Specifications

<b>Size</b>	
Length	2.11 in [53.59 mm]
Width	0.71 in [18.03 mm]
Weight	0.1 lbs [45.36 g]
<b>Configuration</b>	
Connector	Threaded 4.3-10 Female

### Material Specifications

Description	Material	Plating
Outer Conductor	Beryllium Copper	Gold
Body	Aluminum	

### Environmental Specifications

<b>Temperature</b>	
Operating Range	-55 to +125 deg C

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

**Plotted and Other Data**

Notes:

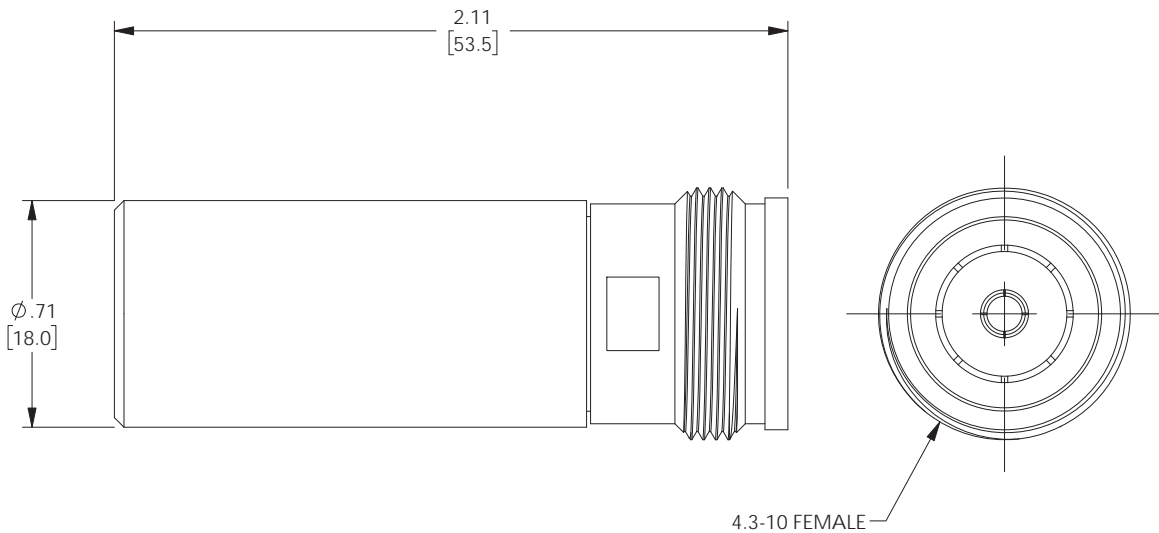
2 Watt RF Load 6 GHz with 4.3-10 Female from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Watt RF Load 6 GHz with 4.3-10 Female FMTR1122](#)

URL: <https://www.fairviewmicrowave.com/rf-load-2-watts-6-ghz-4.3-10-female-fmtr1122-p.aspx>

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	07/08/2021	SPONG



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TITLE  
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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:		CABLE LENGTH (L) TOLERANCES:	
.X = ± 2 [5.08]	FRACTIONS ± 1/32	L ≤ 12 [305]	= +1 [25] / -0
.XX = ± 0.2 [5.1]	ANGLES ± 1°	12 [305] < L ≤ 60 [1524]	= +2 [51] / -0
.XXX = ± 0.005 [0.13]		60 [1524] < L ≤ 120 [3048]	= +4 [102] / -0
		120 [3048] < L ≤ 300 [7620]	= +6 [152] / -0
		300 [7620] < L	= +5%L / -0

THIRD-ANGLE PROJECTION  
THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF FAIRVIEW MICROWAVE CORPORATION. ALL RIGHTS RESERVED.

SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			
SIZE	CAGE CODE	DRAWN BY	ITEM NO.
A	3FKR5	DFRISIELLO	FMTR1122

SCALE  
N/A  
REV  
A

T-Rev.D