

## 2 Watt 75ohm BNC jack termination with chain 2GHz VSWR1.2

Fairview Microwave's FMTR6255C is an RF termination (also called RF load or dummy load) that operates from DC to 2 GHz and handles up to 2 Watt (CW). Our BNC termination / load has a female gender.

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 Watt (CW).



### Features:

- DC to 2 GHz Frequency Range
- 75 Ohm Impedance
- VSWR 1.2: 1 Max
- Max Power 2 Watts (CW)
- BNC Female Coaxial Interface
- Includes Beaded Chain

### Electrical Specifications

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

### Applications:

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

### Mechanical Specifications

#### Size

Length	1.28 in [32.51 mm]
Width	0.433 in [11 mm]
Height	0.433 in [11 mm]
Weight	0.033 lbs [14.97 g]

#### Configuration

Connector	BNC Female
Connector Specification	MIL-STD-348

### Material Specifications

Description	Material	Plating
Insulation	Teflon	
Body	Brass	Tri-Metal
Housing	Brass	Tri-Metal
Chain	Brass	Nickel

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](http://www.fairviewmicrowave.com)  
[sales@fairviewmicrowave.com](mailto:sales@fairviewmicrowave.com)

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

**Plotted and Other Data**

Notes:

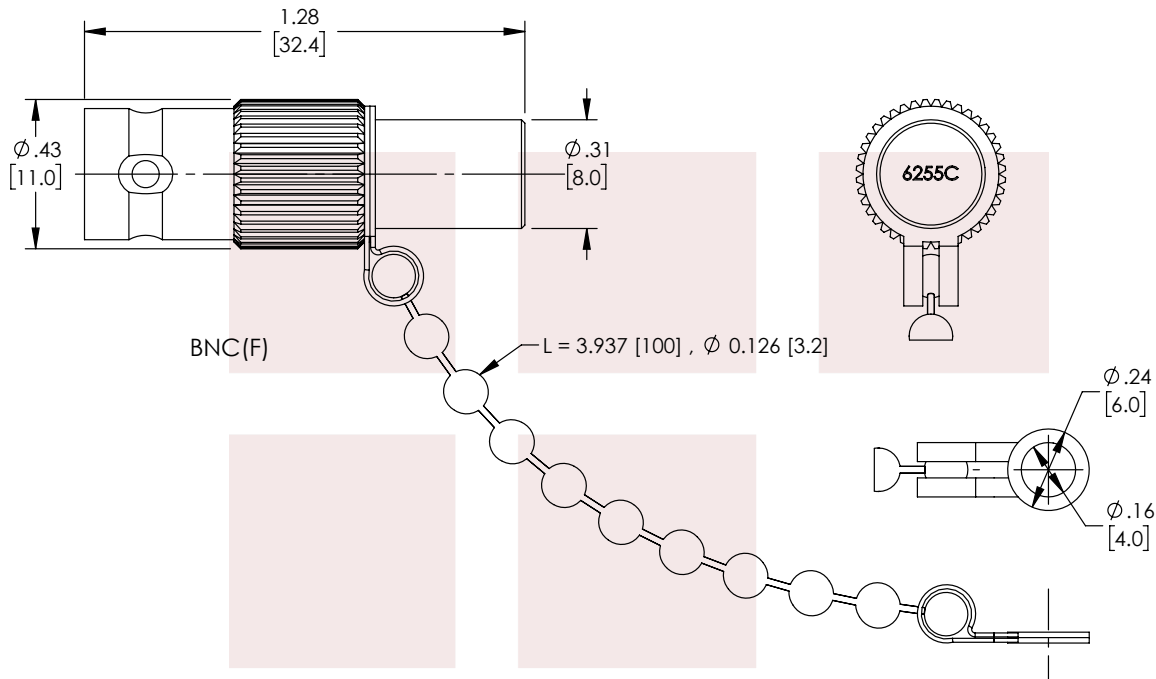
2 Watt 75ohm BNC jack termination with chain 2GHz VSWR1.2 from Fairview Microwave is in-stock and available to ship same-day. All of our RF/microwave products are available off-the-shelf from our ISO 9001:2008 certified facilities in Lewisville, Texas. Fairview Microwave is RF on-demand.

For additional information on this product, please click the following link: [2 Watt 75ohm BNC jack termination with chain 2GHz VSWR1.2 FMTR6255C](#)

URL: <https://www.fairviewmicrowave.com/rf-load-2-watts-2-ghz-bnc-female-fmtr6255C-p.aspx>

The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Fairview Microwave reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Fairview Microwave does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Fairview Microwave does not assume any liability arising out of the use of any part or documentation.

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	06/22/2022	SPONG



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TITLE

2 Watt 75ohm BNC jack termination with chain 2GHZ VSWR1.2

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

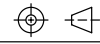
TOLERANCES:

.X = ±.2 [5.08] FRACTIONS ± 1/32  
.XX = ±.02 [.51]  
.XXX = ±.005 [.13] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0  
12 [305] < L ≤ 60 [1524] = +2 [51] / -0  
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



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SHEET 1 OF 1

ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.

SCALE

N/A

SIZE A	CAGE CODE 3FKR5	DRAWN BY PSRINIVAS	ITEM NO. FMTR6255C	REV A
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T-Rev.D