

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



## LCTR6255C

### 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

### Applications

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

### Description

L-com's LCTR6255C 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. L-com 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).

### Electrical Specifications

| Description      | Minimum | Typical | Maximum | Units |
|------------------|---------|---------|---------|-------|
| Frequency Range  | DC      |         | 2       | GHz   |
| Impedance        |         | 75      |         | Ohms  |
| VSWR             |         |         | 1.2:1   |       |
| Input Power (CW) |         |         | 2       | Watts |

### Mechanical Specifications

#### Size

|        |                     |
|--------|---------------------|
| Length | 1.28 in [32.51 mm]  |
| Width  | 0.43 in [10.92 mm]  |
| Weight | 0.033 lbs [14.97 g] |

#### Configuration

|                         |             |
|-------------------------|-------------|
| Connector               | BNC Female  |
| Connector Specification | MIL-STD-348 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:  
[2 Watt 75ohm BNC jack termination with chain 2GHz VSWR1.2 LCTR6255C](#)

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### Material Specifications

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

**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 L-com has same day shipment for domestic and International orders. Our portfolio includes coaxial cable assemblies, connectors, adapters and custom products as well as lightning and surge protectors, NEMA rated enclosures, and an RF product line which includes antennas, amplifiers, passive, and active components. Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: 2 Watt 75ohm BNC jack termination with chain 2GHz VSWR1.2 LCTR6255C

URL: <https://www.l-com.com/rf-load-2-watts-2-ghz-bnc-female-LCTR6255C-p.aspx>

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## L-com CAD Drawing

