

2 Watt RF Load with Chain Up to 18 GHz with SMA Male



LCTR1008C

Features

- Frequency range from DC to 18GHz
- Max Power 2W
- Operating temp range from -55 to 125C
- VSWR <1.35:1
- With beaded chain

Applications

- 50 Ohm applications
- Coaxial termination
- Signal splitters

Description

L-com's LCTR1008C is an RF termination (also called RF load or dummy load) that operates from DC to 18 GHz and handles up to 2 Watt (CW). This SMA termination / load has a male gender and beaded chain. LCTR1008C termination offers 1.35:1 max VSWR.

RF loads/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 using a terminator on 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		18	GHz
Impedance		50		Ohms
VSWR			1.35:1	
Input Power (CW) derated linearly to 0.2W @ +125°C			2	Watts
Input Power (Peak) 5µs pulse with 0.4% duty cycle			250	Watts

Mechanical Specifications

Size

Length	0.63 in [16 mm]
Width	0.36 in [9.14 mm]
Weight	0.011 lbs [4.99 g]

Configuration

Connector	SMA Male
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications:
[2 Watt RF Load with Chain Up to 18 GHz with SMA Male LCTR1008C](#)

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Hex Size 5/16 inch

Material Specifications

Description	Material	Plating
Connector 1 Contact	Brass	Gold
Body	Brass	Nickel
Coupling Nut	Brass	Nickel

Environmental Specifications

Temperature
Operating Range -55 to +125 deg C

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

Plotted and Other Data

Notes:

2 Watt RF Load with Chain Up to 18 GHz with SMA Male 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 RF Load with Chain Up to 18 GHz with SMA Male LCTR1008C

URL: <https://www.l-com.com/2-watt-rf-load-chain-up-18-ghz-sma-male-lctr1008c-p.aspx>

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L-com CAD Drawing

