

2 Watt RF Load Up to 18 GHz with N Male



LCTR1010

Features

- Max Power 2W
- Operating temp range from -55 to 85C
- Frequency range from DC to 18GHz
- VSWR <1.30:1

Applications

- Signal splitters
- 50 Ohm applications
- Coaxial termination

Description

L-com's LCTR1010 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 N-type termination / load has a male gender. LCTR1010 termination offers 1.30:1 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			1.3:1	
Input Power (CW) derated linearly to 0.5W @ +125°C			2	Watts
Input Power (Peak) 5µs pulse with 0.4% duty cycle			500	Watts

Mechanical Specifications

Size

Length	2.08 in [52.83 mm]
Width	0.787 in [19.99 mm]
Weight	0.011 lbs [4.99 g]

Configuration

Connector	N 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 Up to 18 GHz with N Male LCTR1010](#)

2 Watt RF Load Up to 18 GHz with N Male

L-com CAD Drawing

