

LC Male to LC Male Cable 120 Inch Length Using ET-RG219 Coax



## RF Cable Assemblies Technical Data Sheet

ET23123

# Configuration

Connector 1: LC Male
Connector 2: LC Male
Cable Type: ET-RG219

## Features

- Max Frequency 1 GHz
- PVC With Armor Jacket

## Applications

General Purpose

Laboratory Use

## Description

Ebeestock's ET23123 LC male to LC male 120 inch cable using ET-RG219 coax is part of our full line of RF components available for same-day shipping. Ebeestock's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Ebeestock LC to LC cable assembly has a male to male gender configuration with 50 ohm flexible ET-RG219 coax. The ET23123 LC male to LC male cable assembly operates to 1 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

### **Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
Capacitance		30.8 [101.05]		pF/ft [pF/m]

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.249	0.281	0.331	0.414	0.58	dB

#### Mechanical Specifications

#### Cable Assembly

Length\* 120 in [304.8 cm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: LC Male to LC Male Cable 120 Inch Length Using ET-RG219 Coax ET23123

8th Floor, Building 1, Yongfu Science and Technology Center Industrial Park, Nanzha District 5, Humen,523900, Dongguan, Guangdong, China.



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Diameter 1.5 in [38.1 mm]

Cable

Cable Type
Impedance
Inner Conductor Type
Inner Conductor Material and Plating
Dielectric Type
Number of Shields

ET-RG219
50 Ohms
Solid
Copper
PE

Shield Layer 1

Jacket Material

Jacket Diameter

Copper Braid

PVC With Armor

0.945 in [24 mm]

#### Connectors

Description	Connector 1	Connector 2	
Type	LC Male	LC Male	
Specification	MIL-STD-348	MIL-STD-348	
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Beryllium Copper, Silver	Beryllium Copper, Silver	
Outer Conductor Material and Plating	Phosphor Bronze, Nickel	Phosphor Bronze, Nickel	
Body Material and Plating	Brass, Nickel	Brass, Nickel	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel	
Hex Size	1 1/2 in	1 1/2 in	
Torque	61 in-lbs [6.89 Nm]	61 in-lbs [6.89 Nm]	

Mechanical Specification Notes:

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

#### Plotted and Other Data

Notes:

Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: LC Male to LC Male Cable 120 Inch Length Using ET-RG219 Coax ET23123

<sup>\*</sup>All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



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#### **How to Order**

Part Number Configuration:

ET3C6034 - xx uu

Unit of Measure:

cm = Centimeters

<br/>
<br/>
<br/>
chlank> = Inches

Base Number

Example: ET3C6034-12 = 12 inches long cable ET3C6034-100cm = 100 cm long cable

LC Male to LC Male Cable 120 Inch Length Using ET-RG219 Coax from Ebeestock Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: LC Male to LC Male Cable 120 Inch Length Using ET-RG219 Coax ET23123

URL: https://www.ebeestock.com/lc-male-to-lc-male-cable-60-inch-length-using-rg219-coax-0023118

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. Ebeestock reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Ebeestock does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Ebeestock does not assume any liability arising out of the use of any part or documentation.

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