LC Male to LC Male Cable 96 Inch Length Using ET-RG219 Coax

RF Cable Assemblies Technical Data Sheet ET23121

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 ET23121 LC male to LC male 96 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 ET23121 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.)	0.239	0.265	0.305	0.371	0.504	dB

Mechanical Specifications

Cable Assembly

Length* 96 in [243.84 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 96 Inch Length Using ET-RG219 Coax ET23121

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

Webstie:www.ebeestock.com Email:sales@ebeestock.com

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Diameter	1.5 in [38.1 mm]
Cable	
Cable Type	ET-RG219
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Copper Braid
Jacket Material	PVC With Armor
Jacket Diameter	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:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8”, whichever is greater.

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
- Values at 25°C, sea level.

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How to Order

Part Number Configuration: **ET3C6034 - xx uu**

- ET3C6034 — Base Number
- xx — Length
- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches

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

LC Male to LC Male Cable 96 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 96 Inch Length Using ET-RG219 Coax ET23121

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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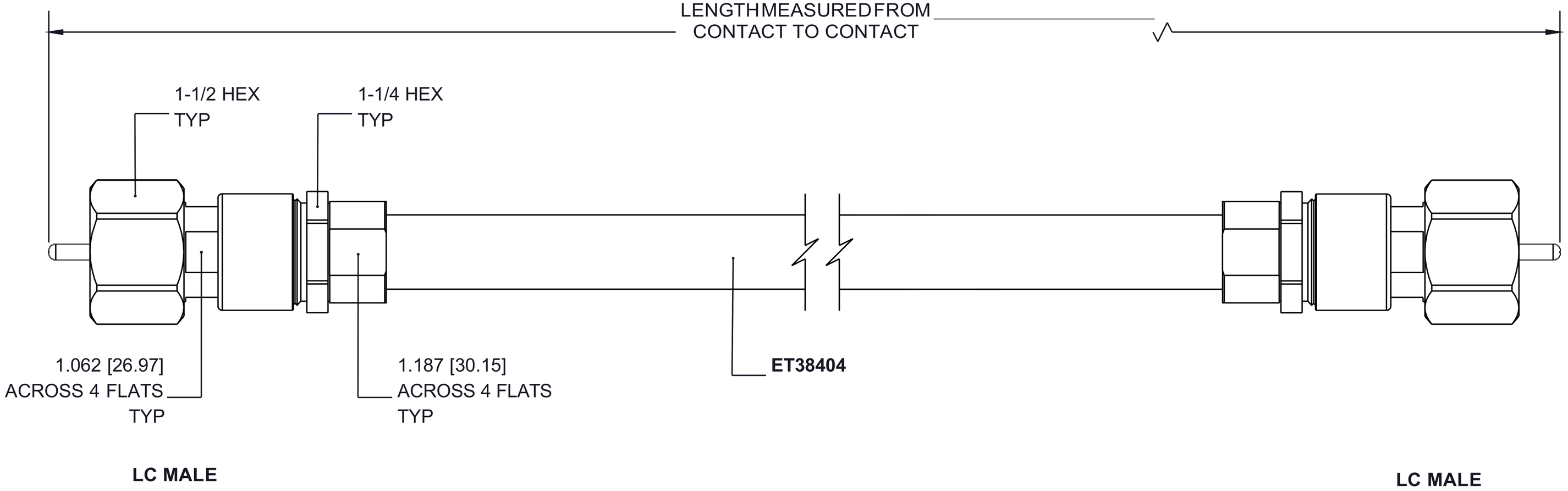
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	02/08/19	J.GARCIA



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LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X=± .2	[5.08]	FRACTIONS
.XX=± .01	[.25]	± 1/32
.XXX=± .005	[.13]	ANGLES ± 1°

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF

SCALE N/A

SIZE	CAGE	DRAWN BY	PART NUMBER	REV
A	53919	KDANG	ET3C6034	A

T-Rev.A