



## LC Male to LC Male Cable 120 Inch Length Using RG219 Coax

### RF Cable Assemblies Technical Data Sheet

PE3C6034-120

#### Configuration

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

#### Features

- Max Frequency 1 GHz
- PVC With Armor Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C6034-120 LC male to LC male 120 inch cable using RG219 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack LC to LC cable assembly has a male to male gender configuration with 50 ohm flexible RG219 coax. The PE3C6034-120 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 RG219 Coax PE3C6034-120](#)



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Diameter 1.5 in [38.1 mm]

#### Cable

Cable Type	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  $\pm 3/8$ ", 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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### RF Cable Assemblies Technical Data Sheet

PE3C6034-120

#### How to Order

Part Number Configuration:

**PE3C6034**

- **xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3C6034-12 = 12 inches long cable  
PE3C6034-100cm = 100 cm long cable

LC Male to LC Male Cable 120 Inch Length Using RG219 Coax from Pasternack 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 RG219 Coax PE3C6034-120](https://www.pasternack.com/lc-male-lc-male-rg219-cable-assembly-pe3c6034-120-p.aspx)

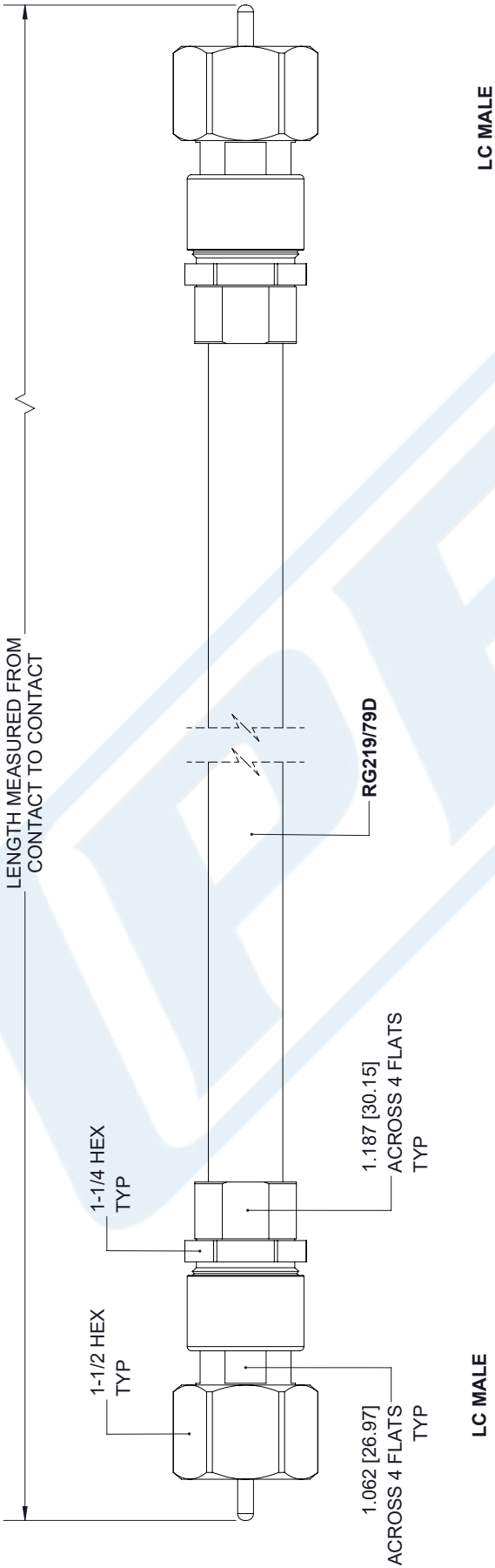
URL: <https://www.pasternack.com/lc-male-lc-male-rg219-cable-assembly-pe3c6034-120-p.aspx>

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

PE3C6034-120 CAD Drawing

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

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



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS			
TOLERANCES:			
X±.2	[5.08]	FRACTIONS	
.XX±.01	[.25]		±.132
.XXX±.005	[.13]	ANGLES ± 1°	
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			
THIRD-ANGLE PROJECTION			

<b>PE PASTERNAK</b> an INFINITO brand			
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SIZE	CAGE	DRAWN BY	PART NUMBER
A	53919	KDANG	PE3C6034
			REV
			A

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