



LC Male to MHV Male Cable Using RG393 Coax

RF Cable Assemblies Technical Data Sheet

PE3C8191

Configuration

- Connector 1: LC Male
- Connector 2: MHV Male
- Cable Type: RG393

Features

- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C8191 LC male to MHV male cable using RG393 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 MHV cable assembly has a male to male gender configuration with 50 ohm flexible RG393 coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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
Velocity of Propagation		69.5		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.702 lbs [318.42 g]

Cable

Cable Type RG393
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 Inner Conductor Material and Plating Copper, Silver
 Dielectric Type PTFE
 Number of Shields 2

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 MHV Male Cable Using RG393 Coax PE3C8191](#)



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Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.39 in [9.91 mm]
Repeated Minimum Bend Radius	3.9 in [99.06 mm]

Connectors

Description	Connector 1	Connector 2
Type	LC Male	MHV Male
Specification	MIL-STD-348	
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Silver	Brass, Gold
Contact Plating Specification	QQ-S-365	
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	

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

Plotted and Other Data

Notes:

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PE3C8191

How to Order

Part Number Configuration:

PE3C8191

- **xx**

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C8191-12 = 12 inches long cable
PE3C8191-100cm = 100 cm long cable

LC Male to MHV Male Cable Using RG393 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.

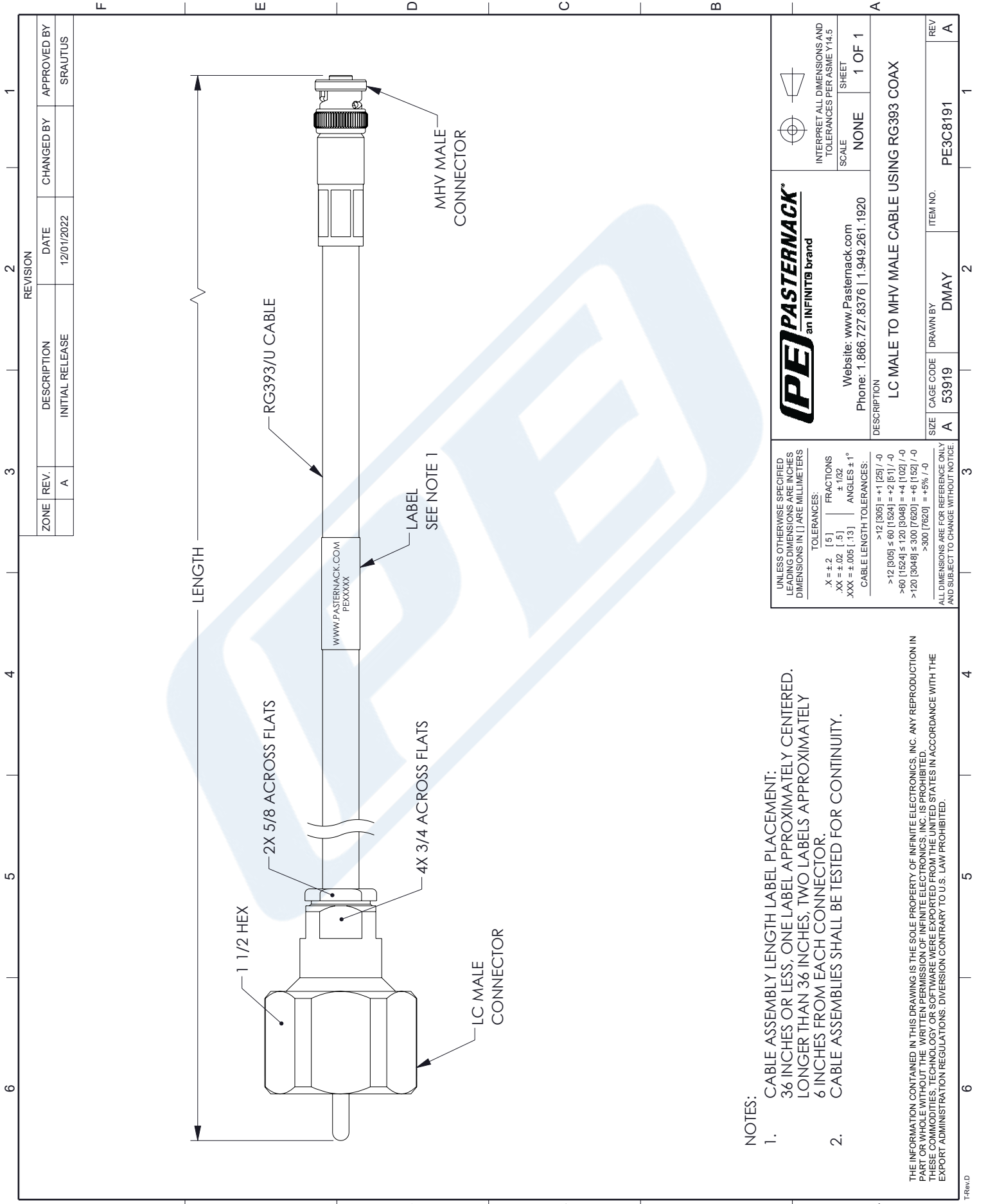
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male to MHV Male Cable Using RG393 Coax PE3C8191](#)

URL:

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.

PE3C8191 CAD Drawing

LC Male to MHV Male Cable Using RG393 Coax



NOTES:

- CABLE ASSEMBLY LENGTH LABEL PLACEMENT:
36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED.
LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY
6 INCHES FROM EACH CONNECTOR.
- CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	
X = ± .2 [.5]	FRACTIONS ± 1/32
.XX = ± .02 [.5]	ANGLES ± 1°
XXX = ± .005 [.13]	CABLE LENGTH TOLERANCES:
	>12 [305] = +1 [25] / -0
	>12 [305] ≤ 60 [1524] = +2 [51] / -0
	>60 [1524] ≤ 120 [3048] = +4 [102] / -0
	>120 [3048] ≤ 300 [7620] = +6 [152] / -0
	>300 [7620] = +5% / -0
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	

PE PASTERNAK an INFINITO brand	
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920	
INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	SCALE: NONE
SHEET: 1 OF 1	
DESCRIPTION: LC MALE TO MHV MALE CABLE USING RG393 COAX	
SIZE: A	CAGE CODE: 53919
DRAWN BY: DMAY	ITEM NO.: PE3C8191
REV: A	