



LC Male Right Angle to HN Male Cable  
100 CM Length Using RG393 Coax

RF Cable Assemblies Technical Data Sheet

PE3W00314-100CM

### Configuration

- Connector 1: LC Male Right Angle
- Connector 2: HN Male
- Cable Type: RG393

### Features

- Shielding Effectivity > 60 dB
- Double Shielded
- FEP Jacket

### Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE3W00314-100CM LC male right angle to HN male 100 cm 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 HN cable assembly has a male to male gender configuration with 50 ohm flexible RG393 coax. The right angle LC interface on the RG393 cable allows for easier connections in tight spaces. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 60 dB.

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
RF Shielding	60			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Operating Voltage (AC)			1,500	Vrms

### Mechanical Specifications

#### Cable Assembly

Length*	39.37 in [100 cm]
Diameter	1.5 in [38.1 mm]

#### Cable

Cable Type	RG393
Impedance	50 Ohms
Inner Conductor Type	Stranded

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Right Angle to HN Male Cable 100 CM Length Using RG393 Coax PE3W00314-100CM](#)



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Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	2
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]
One Time Minimum Bend Radius	3.9 in [99.06 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	LC Male Right Angle	HN Male
Specification	MIL-C-39012	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Silver	Brass, Gold
Contact Plating Specification	QQ-S-365	30μ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel	

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:

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**How to Order**

Part Number Configuration:

**PE3W00314**

- **xx**

**uu**

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

Example: PE3W00314-12 = 12 inches long cable  
PE3W00314-100cm = 100 cm long cable

LC Male Right Angle to HN Male Cable 100 CM Length 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.

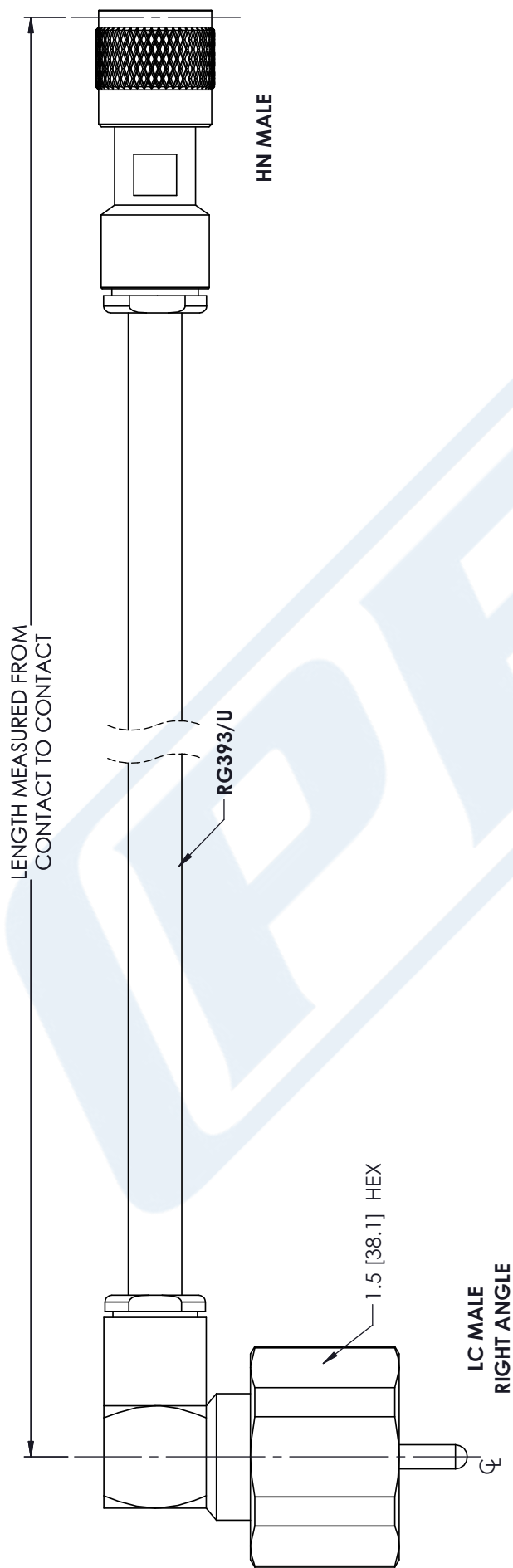
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Male Right Angle to HN Male Cable 100 CM Length Using RG393 Coax PE3W00314-100CM](#)

URL: <https://www.pasternack.com/lc-male-hn-male-rg393u-cable-assembly-pe3w00314-100cm-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.

PE3W00314-100CM CAD Drawing

LC Male Right Angle to HN Male Cable 100 CM Length Using RG393 Coax



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

\*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

PE

THE ENGINEER'S RF SOURCE

Pasternack Enterprises, Inc.  
P.O. Box 16759 | Irvine | CA | 92623  
Phone: (949) 261-1920 | Fax: (949) 261-7451  
Website: [www.pasternack.com](http://www.pasternack.com) | E-Mail: [sales@pasternack.com](mailto:sales@pasternack.com)

DWG TITLE	PE3W00314
CAGE CODE	53919

NOTES: 1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL. 2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME. 3. DIMENSIONS ARE IN INCHES [mm].	CAD FILE	07/25/18	SCALE	N/A	SIZE	A	CN2379
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