



LC Male to Push-On LC Female Cable Using RG393 Coax with HeatShrink

RF Cable Assemblies Technical Data Sheet

PE37624/HS

Configuration

- Connector 1: LC Male
- Connector 2: Push-On LC Female
- Cable Type: RG393

Features

- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE37624/HS LC male to LC female push-on 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 LC cable assembly has a male to female 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 0.965 lbs [437.72 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 Push-On LC Female Cable Using RG393 Coax with HeatShrink PE37624/HS](#)



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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 | LC Female |
| Specification | MIL-STD-348 | MIL-STD-348 |
| Impedance | 50 Ohms | 50 Ohms |
| Connection Method | | Push-On |
| Contact Material and Plating | Silver | Silver |
| Contact Plating Specification | QQ-S-365 | QQ-S-365 |
| Dielectric Type | PTFE | PTFE |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Body Plating Specification | QQ-N-290 | QQ-N-290 |
| Coupling Nut Material and Plating | 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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How to Order

Part Number Configuration:

PE37624/HS

- **xx**

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

Example: PE37624/HS-12 = 12 inches long cable
PE37624/HS-100cm = 100 cm long cable

LC Male to Push-On LC Female Cable Using RG393 Coax with HeatShrink 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.

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URL: <https://www.pasternack.com/lc-male-to-push-on-lc-female-cable-using-rg393-with-heatshrink-pe37624-hs-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.

PE37624/HS CAD Drawing

LC Male to Push-On LC Female Cable Using RG393 Coax with HeatShrink

