

N Male to N Female Cable Using RG400 Coax with HeatShrink, LF Solder

RF Cable Assemblies Technical Data Sheet

PE3C7937LF/HS

Configuration

- Connector 1: N Male
- Connector 2: N Female
- Cable Type: RG400

Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C7937LF/HS type N male to type N female cable using RG400 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 type N to type N cable assembly has a male to female gender configuration with 50 ohm flexible RG400 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to N Female Cable Using RG400 Coax with HeatShrink, LF Solder PE3C7937LF/HS](#)

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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range				
VSWR				
Velocity of Propagation		70		%
Group Delay		∅		∅
Capacitance		32 [104.99]		pF/ft [pF/m]
Inductance		∅		∅
DC Resistance Inner Conductor		∅		∅
DC Resistance Outer Conductor		∅		∅
Operating Voltage (AC)				

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency						GHz
Insertion Loss (Typ.)						

Electrical Specification Notes:

Mechanical Specifications

Cable Assembly

Length* []

Weight []

Cable

Cable Type RG400
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 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 0.195 in [4.95 mm]

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Connectors

Description	Connector 1	Connector 2
Type	N Male	N Female
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Phosphor Bronze, Gold
Contact Plating Specification	30 µin	
Dielectric Type	PTFE	Teflon
Outer Conductor Material and Plating		
Outer Conductor Plating Specification		
Body Material and Plating	Brass, Tri-Metal	Brass, Nexcote
Body Plating Specification		

Environmental Specifications

Temperature

Operating Range

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3C7937LF/HS - xx

uu

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

Example: PE3C7937LF/HS-12 = 12 inches long cable
PE3C7937LF/HS-100cm = 100 cm long cable

N Male to N Female Cable Using RG400 Coax with HeatShrink, LF Solder 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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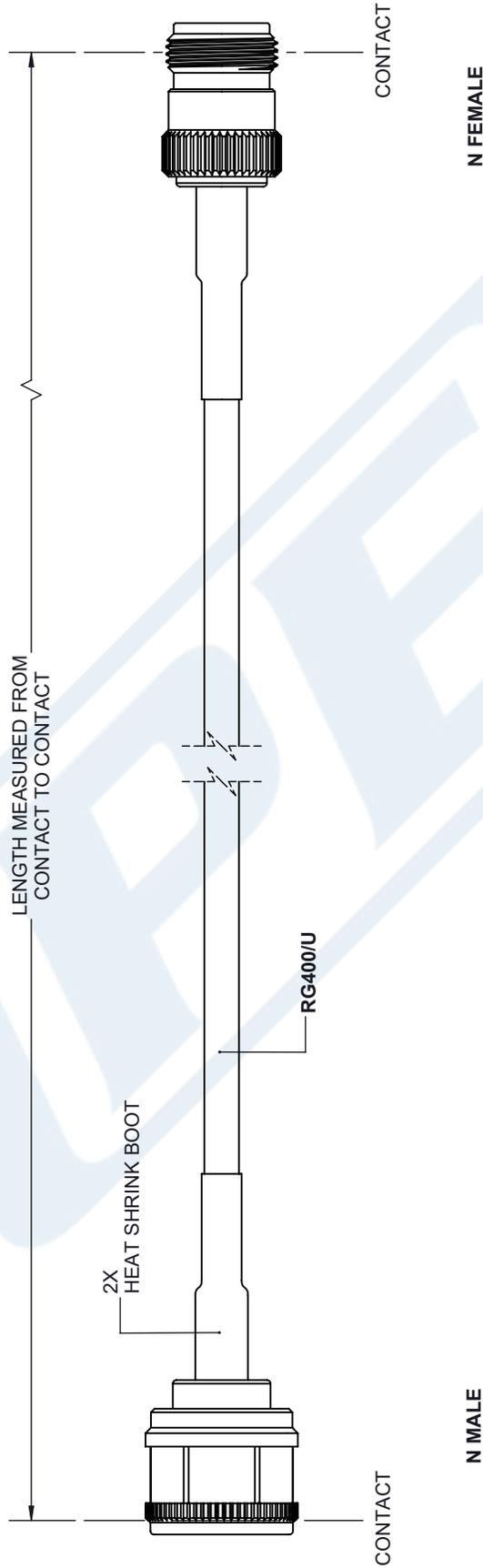
URL: <https://www.pasternack.com/n-male-to-n-female-cable-using-rg400-with-heatshrink-lf-solder-pe3c7937lf-hs-p.aspx>

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.

PE3C7937LF/HS CAD Drawing

N Male to N Female Cable Using RG400 Coax with HeatShrink, LF Solder

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	7/13/2022	A. GANWANI



<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <p>.X = ±.2 [.008] FRACTIONS ± 1/32 .XX = ±.02 [.51] ANGLES ± 1° .XXX = ±.005 [.13]</p> <p>CABLE LENGTH (L), TOLERANCES: L ≤ 12 [305] = +1 [25] / -0 12 [305] < L ≤ 60 [1524] = +2 [51] / -0 60 [1524] < L ≤ 120 [3048] = +4 [102] / -0 120 [3048] < L ≤ 300 [7620] = +6 [152] / -0 300 [7620] < L = +5% / -0</p> <p>ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.</p>	<p>THIRD-ANGLE PROJECTION</p> <p>THE INFORMATION AND DESIGN IN THIS DOCUMENT IS THE PROPERTY OF PASTERNAK CORPORATION ALL RIGHTS RESERVED.</p> <p>SHEET 1 OF 1</p>	
	<p>SCALE N/A</p>	
<p>PE PASTERNAK an INFINITE brand</p> <p>Pasternack Enterprises, Inc. P. O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920 1.866.727.8376 Fax: 1.949.261.7451 Website: www.pasternack.com E-mail: sales@pasternack.com</p>		<p>REV A</p>
<p>SIZE A</p>	<p>CAGE CODE 53919</p>	<p>ITEM NO. PE3C7937LF/HS</p>
<p>DRAWN BY K.DANG</p>		<p>REV A</p>

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