



## 75 Ohm N Female to 75 Ohm F Male Cable Using 75 Ohm RG6 Coax , LF Solder

### RF Cable Assemblies Technical Data Sheet

**PE37305LF**

#### Configuration

- Connector 1: N Female
- Connector 2: F Male
- Cable Type: RG6

#### Features

- Shielding Effectivity > 90 dB
- 66% Phase Velocity
- Double Shielded
- PVC (NC) Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE37305LF 75 ohm type N female to 75 ohm type F male cable using 75 ohm RG6 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 F cable assembly has a female to male gender configuration with 75 ohm flexible RG6 coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 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
Velocity of Propagation		66		%
RF Shielding	90			dB
Capacitance		20.6 [67.59]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.213 lbs [96.62 g]

##### Cable

Cable Type RG6  
Impedance 75 Ohms

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Female to 75 Ohm F Male Cable Using 75 Ohm RG6 Coax , LF Solder PE37305LF](#)



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Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Copper Braid
Jacket Material	PVC (NC), Black
Jacket Diameter	0.332 in [8.43 mm]
Repeated Minimum Bend Radius	3.5 in [88.9 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	N Female	F Male
Specification	MIL-STD-348	
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Silver	Brass, Nickel
Contact Plating Specification	QQ-S-365	100 $\mu$ in minimum
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	100 $\mu$ in minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 $\mu$ in minimum
Hex Size		7/16 inch
Torque		12 in-lbs [1.36 Nm]

#### Environmental Specifications

##### Temperature

Operating Range

-40 to +80 deg C

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

#### Plotted and Other Data

Notes:

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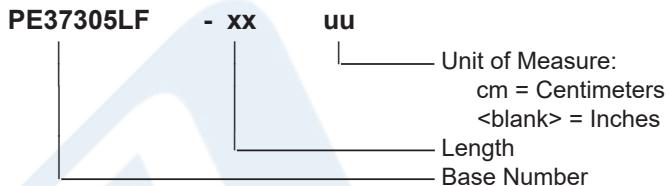
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#### How to Order

Part Number Configuration:



Example: PE37305LF-12 = 12 inches long cable  
PE37305LF-100cm = 100 cm long cable

75 Ohm N Female to 75 Ohm F Male Cable Using 75 Ohm RG6 Coax , 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Female to 75 Ohm F Male Cable Using 75 Ohm RG6 Coax , LF Solder PE37305LF](#)

URL: <https://www.pasternack.com/75-ohm-n-female-to-75-ohm-f-male-cable-using-rg6-lf-solder-pe37305lf-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.

# PE37305LF CAD Drawing

75 Ohm N Female to 75 Ohm F Male Cable Using 75 Ohm RG6 Coax , LF Solder

