

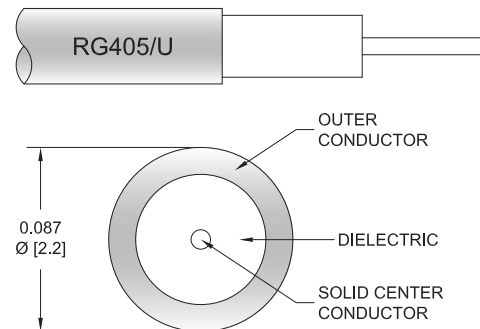
## N Male to N Female Cable 6 Inch Length Using RG405 Coax, LF Solder



### PE3921LF-6

#### Configuration

- Connector 1: N Male
- Connector 2: N Female
- Cable Type: RG405
- Coax Flex Type: Semi-Rigid



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3921LF-6 type N male to type N female 6 inch cable using RG405 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack type N to type N cable assembly has a male to female gender configuration with 50 ohm semi-rigid RG405 coax.

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.

#### Mechanical Specifications

##### Cable Assembly

Length	6 in [152.4 mm]
Weight	0.144 lbs [65.32 g]

##### Cable

Cable Type	RG405
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Copper
Jacket Material	Tan

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### Connectors

Description	Connector 1	Connector 2
Type	N Male	N Female
Specification	MIL-C-39012	
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Gold	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Gold	Brass, Nickel
Coupling Nut Material and Plating	Nickel	

### Environmental Specifications

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

### Plotted and Other Data

Notes:  
Values at 25°C, sea level.

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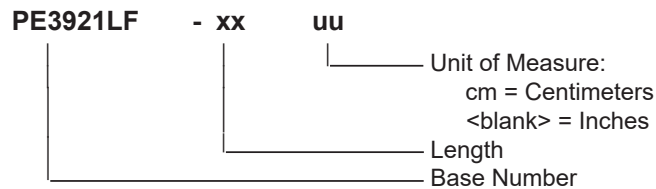


**PE3921LF-6**

**Typical Performance Data**

**How to Order**

Part Number Configuration:



Example: PE3921LF-12 = 12 inches long cable  
PE3921LF-100cm = 100 cm long cable

N Male to N Female Cable 6 Inch Length Using RG405 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: [N Male to N Female Cable 6 Inch Length Using RG405 Coax, LF Solder PE3921LF-6](#)

URL: <https://www.pasternack.com/n-male-n-female-rg405u-cable-assembly-pe3921lf-6-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE3921LF-6 CAD Drawing

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