



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 µin minimum
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin 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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PE37305LF

How to Order

Part Number Configuration:

PE37305LF

- **xx**

uu

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

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.

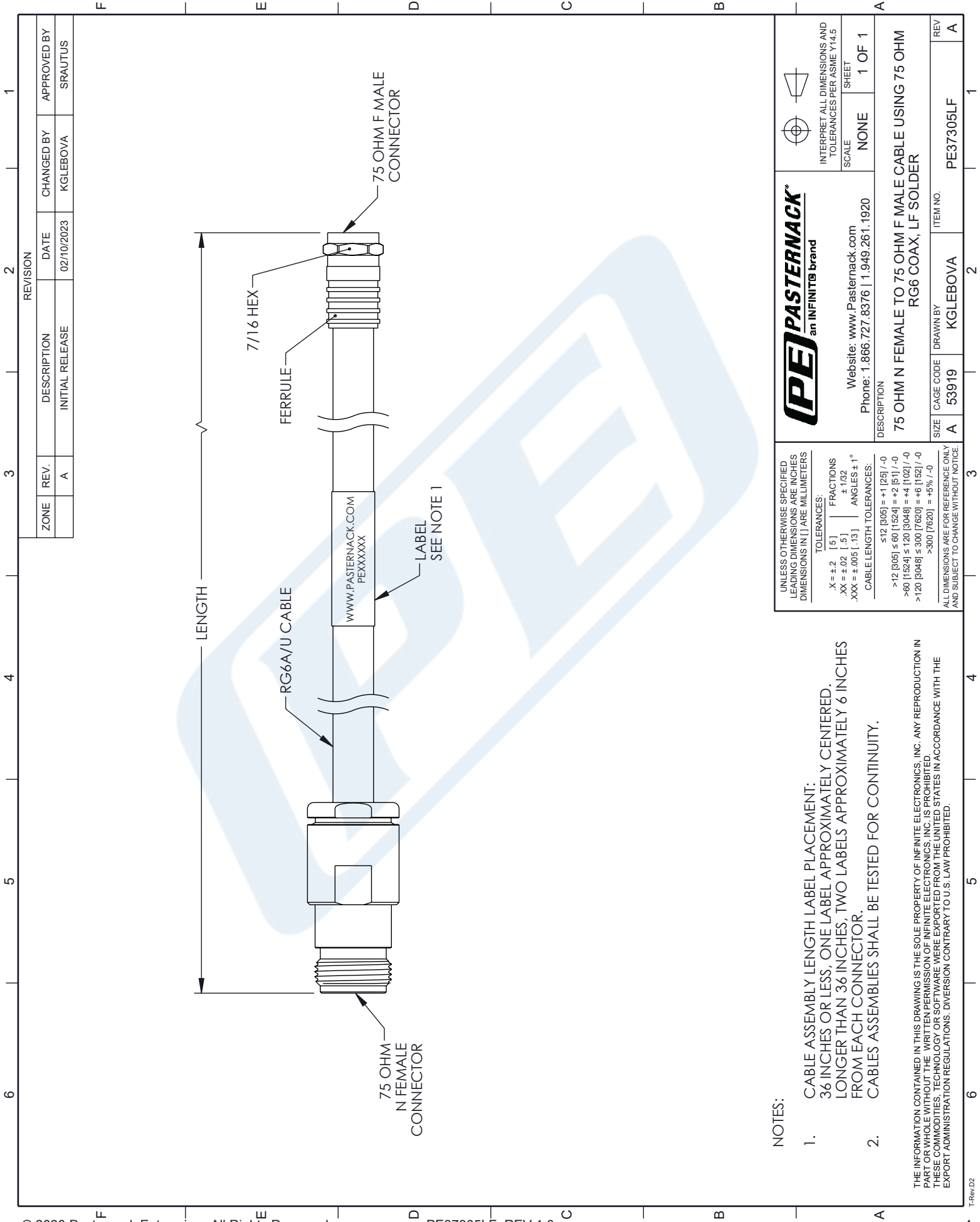
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Female to 75 Ohm F Male Cable Using 75 Ohm RG6 Coax , LF Solder PE37305LF](https://www.pasternack.com/75-ohm-n-female-to-75-ohm-f-male-cable-using-rg6-lf-solder-pe37305lf-p.aspx)

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

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PE37305LF CAD Drawing


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NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT:
36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED.
LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES
FROM EACH CONNECTOR.
2. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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	SCALE	SHEET
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920	NONE	1 OF 1
DESCRIPTION		
75 OHM N FEMALE TO 75 OHM F MALE CABLE USING 75 OHM RG6 COAX, LF SOLDER		
SIZE	CAGE CODE	ITEM NO.
A	53919	PE37305LF
DRAWN BY		REV
KGLEBOVA		A