

N Male to N Male Right Angle Cable Using RG316 Coax, LF Solder

PE34210LF

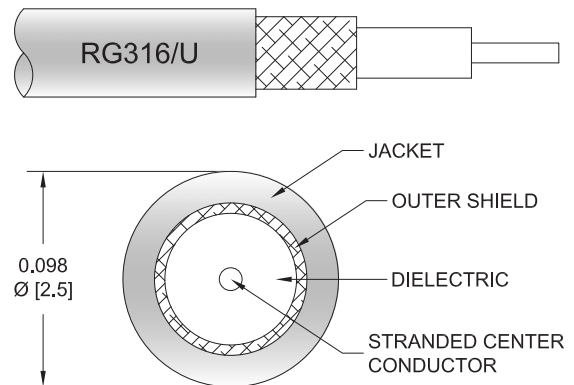


Configuration

- Connector 1: N Male
- Connector 2: N Male Right Angle
- Cable Type: RG316
- Coax Flex Type: Flexible

Features

- Max Frequency 1 GHz
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE34210LF type N male to type N male right angle cable using RG316 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 male gender configuration with 50 ohm flexible RG316 coax. The PE34210LF type N male to type N male cable assembly operates to 1 GHz. The right angle type N interface on the RG316 cable allows for easier connections in tight spaces.

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
Frequency Range	DC		1,000	MHz
VSWR		1.5:1		
Capacitance		32 [104.99]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.275	0.31	0.36	0.438	0.58	dB/ft
	0.9	1.02	1.18	1.44	1.9	dB/m

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Mechanical Specifications

Cable Assembly

Width/Diameter	0.827 in [21.01 mm]
Weight	0.203 lbs [92.08 g]

Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.098 in [2.49 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male Right Angle
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Right Angle
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30μ in. minimum	30μ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100μ in. minimum	100μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100μ in. minimum	

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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PE34210LF

Typical Performance Data

How to Order

Part Number Configuration:

PE34210LF **- xx** **uu**

Unit of Measure:
cm = Centimeters
<blank> = Inches

Length

Base Number

Example: PE34210LF-12 = 12 inches long cable
 PE34210LF-100cm = 100 cm long cable

N Male to N Male Right Angle Cable Using RG316 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 Male Right Angle Cable Using RG316 Coax, LF Solder PE34210LF](#)

URL: <https://www.pasternack.com/n-male-n-male-rg316u-cable-assembly-pe34210lf-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.

PE34210LF CAD Drawing
N Male to N Male Right Angle Cable Using RG316 Coax, LF Solder

