



LC Female to N Female Cable Using RG218 Coax

RF Cable Assemblies Technical Data Sheet

PE3W08494

Configuration

- Connector 1: LC Female
- Connector 2: N Female
- Cable Type: RG218

Features

- 66% Phase Velocity
- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W08494 LC female to type N female cable using RG218 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 LC to type N cable assembly has a female to female gender configuration with 50 ohm flexible RG218 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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation	66			%
Capacitance	30.8 [101.05]			pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight	1.453 lbs [659.07 g]
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Cable

Cable Type	RG218
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Copper Braid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [LC Female to N Female Cable Using RG218 Coax PE3W08494](#)



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Jacket Material
Jacket Diameter

PVC, Black
0.87 in [22.1 mm]

Connectors

Description	Connector 1	Connector 2
Type	LC Female	N Female
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Silver	Silver
Contact Plating Specification	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290

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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How to Order

Part Number Configuration:

PE3W08494

- **xx**

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

Example: PE3W08494-12 = 12 inches long cable
PE3W08494-100cm = 100 cm long cable

LC Female to N Female Cable Using RG218 Coax 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: [LC Female to N Female Cable Using RG218 Coax PE3W08494](#)

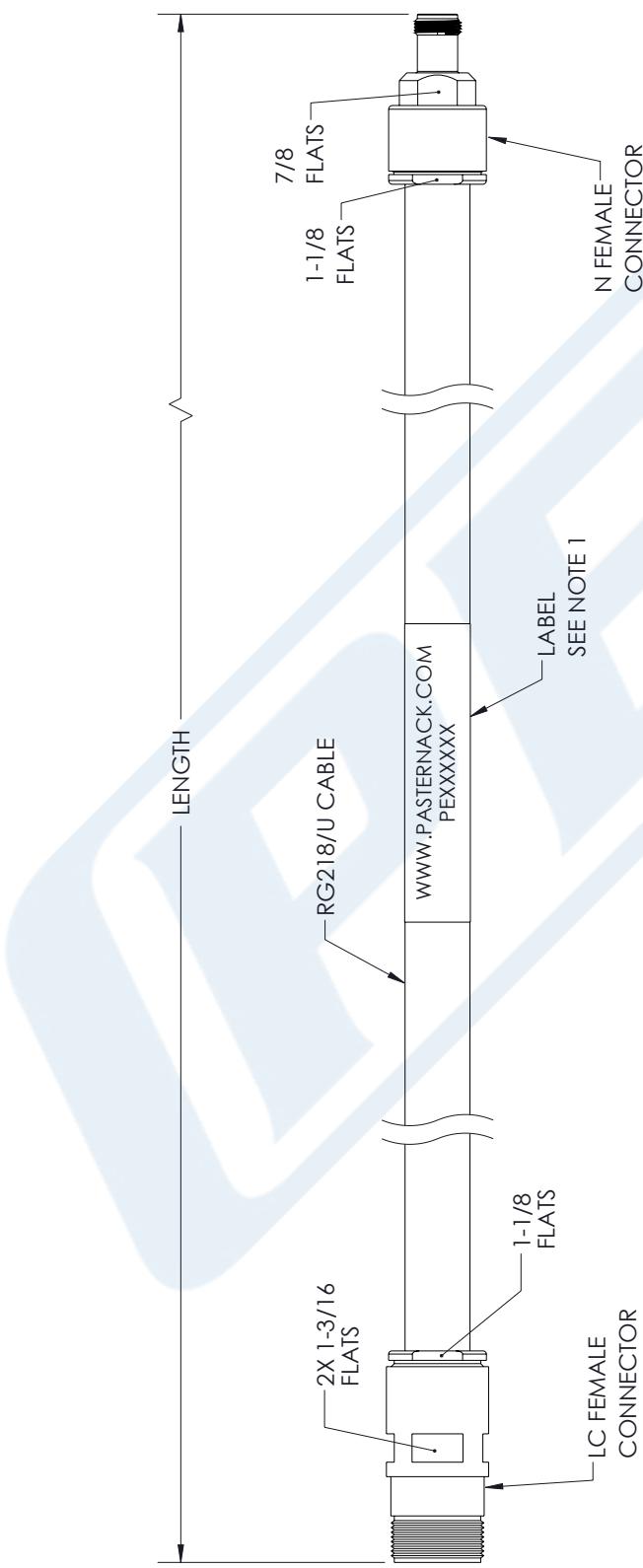
URL: <https://www.pasternack.com/lc-female-to-n-female-cable-using-rg218-pe3w08494-p.aspx>

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.

PE3W08494 CAD Drawing

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REVISION			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	01/25/2023



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. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY

NOTES: 1. C.

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