

## N Female to HN Male Low Loss Cable Using PE-C195 Coax with HeatShrink, LF Solder



### RF Cable Assemblies Technical Data Sheet

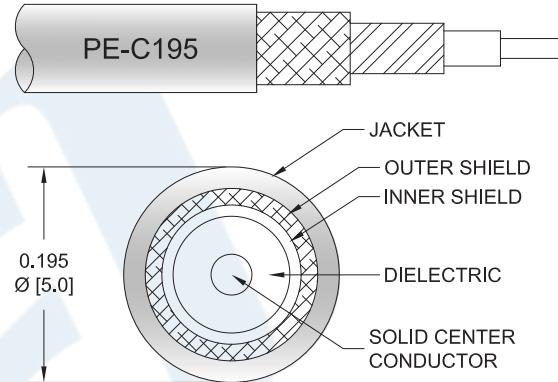
**PE3W08234LF/HS**

#### Configuration

- Connector 1: N Female
- Connector 2: HN Male
- Cable Type: PE-C195

#### Features

- Shielding Effectivity > 90 dB
- 80% Phase Velocity
- Double Shielded
- PE Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W08234LF/HS type N female to HN male cable using PE-C195 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 HN cable assembly has a female to male gender configuration with 50 ohm flexible PE-C195 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		80		%
RF Shielding	90			dB
Capacitance		25.4 [83.33]		pF/ft [pF/m]
Jacket Spark			5,000	Vrms

#### Mechanical Specifications

##### Cable Assembly

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Female to HN Male Low Loss Cable Using PE-C195 Coax with HeatShrink, LF Solder PE3W08234LF/HS](#)



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Weight	0.188 lbs [85.28 g]
<b>Cable</b>	
Cable Type	PE-C195
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (F)
Number of Shields	2
Shield Layer 1	Aluminum Tape
Shield Layer 2	Tinned Copper Braid
Jacket Material	PE, Black
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	0.5 in [12.7 mm]
Repeated Minimum Bend Radius	2 in [50.8 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	N Female	HN Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Phosphor Bronze, Gold	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Tri-Metal	Brass, Nickel

#### Environmental Specifications

##### Temperature

Operating Range

-65 to +165 deg C

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

#### Plotted and Other Data

Notes:

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**PE3W08234LF/HS**

#### How to Order

Part Number Configuration:

**PE3W08234LF/HS - xx**

**uu**

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

Length

Base Number

Example: PE3W08234LF/HS-12 = 12 inches long cable  
PE3W08234LF/HS-100cm = 100 cm long cable

N Female to HN Male Low Loss Cable Using PE-C195 Coax with HeatShrink, 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 Female to HN Male Low Loss Cable Using PE-C195 Coax with HeatShrink, LF Solder PE3W08234LF/HS](#)

URL: <https://www.pasternack.com/n-female-to-hn-male-low-loss-cable-using-pe-c195-with-heatshrink-lf-solder-pe3w08234lf-hs-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.

# PE3W08234LF/HS CAD Drawing

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