



HN Male to HN Male Low Loss Cable Using PE-P195 Coax

RF Cable Assemblies Technical Data Sheet

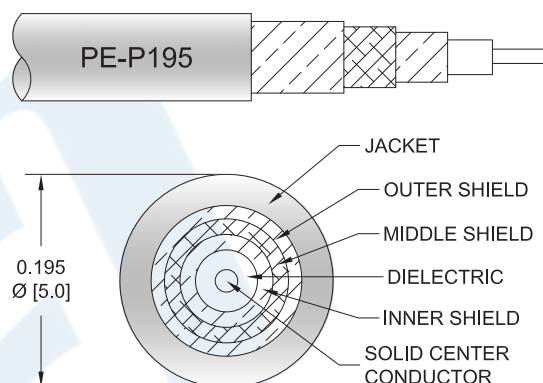
PE3C8047

Configuration

- Connector 1: HN Male
- Connector 2: HN Male
- Cable Type: PE-P195

Features

- 70% Phase Velocity
- Triple Shielded
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C8047 HN male to HN male cable using PE-P195 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 HN to HN cable assembly has a male to male gender configuration with 50 ohm flexible PE-P195 coax. The triple shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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		70		%
Capacitance		29 [95.14]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.23 lbs [104.33 g]

Cable

Cable Type PE-P195

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male to HN Male Low Loss Cable Using PE-P195 Coax PE3C8047](#)



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Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	3
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Aluminum Tape
Shield Layer 3	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.195 in [4.95 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	HN Male	HN Male
Impedance	50 Ohms	50 Ohms
Body Material and Plating	Brass, Nickel	Brass, Nickel

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male to HN Male Low Loss Cable Using PE-P195 Coax PE3C8047](#)



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PE3C8047

How to Order

Part Number Configuration:

PE3C8047

- **xx**

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

Example: PE3C8047-12 = 12 inches long cable
PE3C8047-100cm = 100 cm long cable

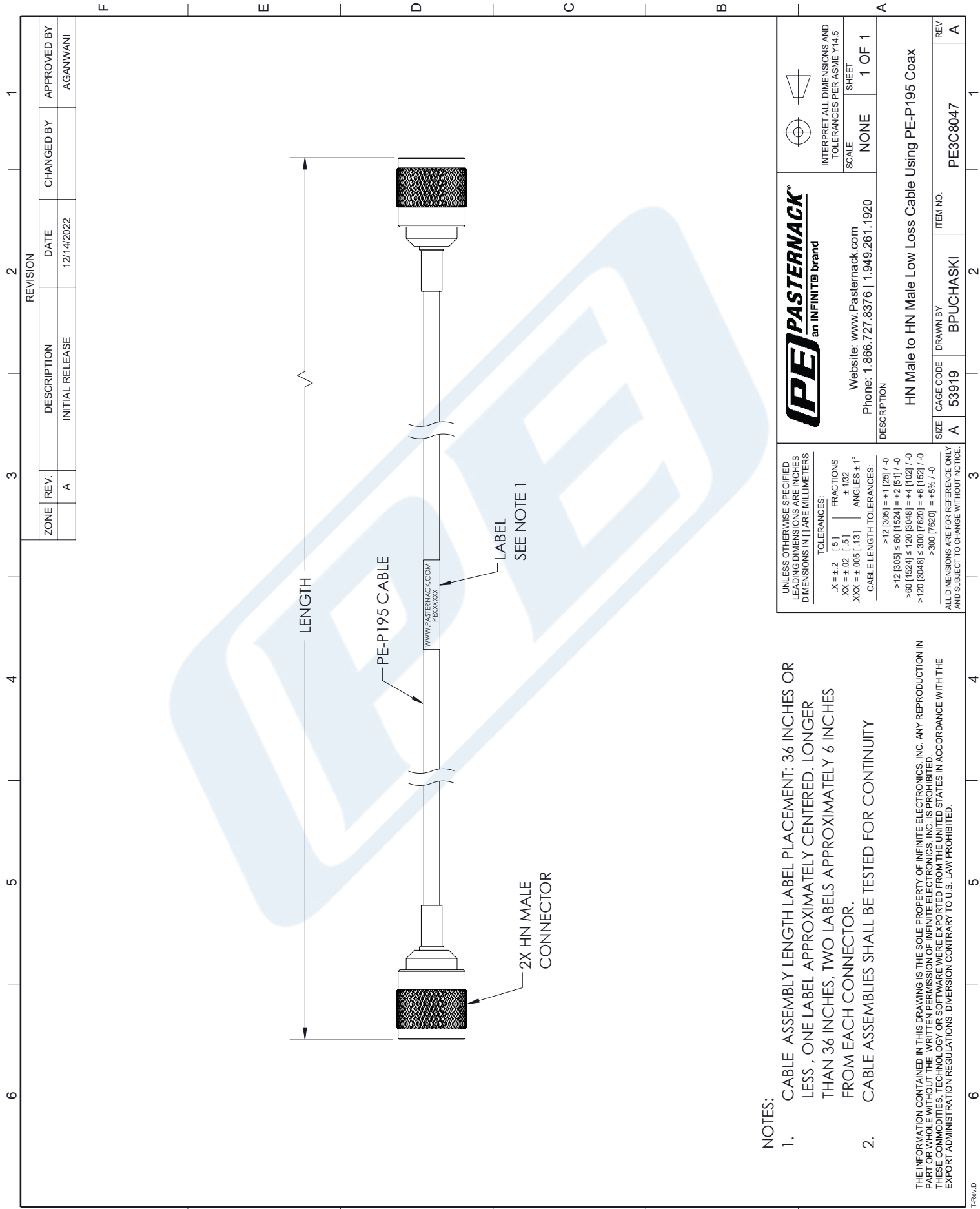
HN Male to HN Male Low Loss Cable Using PE-P195 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [HN Male to HN Male Low Loss Cable Using PE-P195 Coax PE3C8047](#)

URL: <https://www.pasternack.com/hn-male-to-hn-male-low-loss-cable-using-pe-p195-pe3c8047-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.

PE3C8047 CAD Drawing
HN Male to HN Male Low Loss Cable Using PE-P195 Coax



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

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [.5]	FRACTIONS ± 1/32
.XX = ±.02 [.5]	ANGLES ± 1°
XXX = ±.005 [.13]	
CABLE LENGTH TOLERANCES:	
>12 [305] = +1 [25] / -0	
>60 [1524] ≤ 120 [3048] = +2 [51] / -0	
>120 [3048] ≤ 300 [7620] = +4 [102] / -0	
>300 [7620] = +5% / -0	
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	



Website: www.Pasternack.com
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION

HN Male to HN Male Low Loss Cable Using PE-P195 Coax

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
SCALE	NONE
SHEET	1 OF 1

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	BPUCHASKI	PE3C8047	A