



Reverse Polarity TNC Plug to N Male Right Angle Low Loss Cable Using LMR-195 Coax with HeatShrink

TECHNICAL DATA SHEET

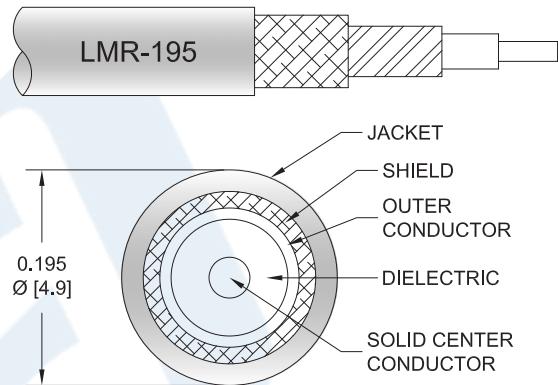
PE3W05914/HS

Configuration

- Connector 1: TNC Plug Reverse Polarity
- Connector 2: N Male Right Angle
- Cable Type: LMR-195
- Coax Flex Type: Flexible

Features

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



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W05914/HS reverse polarity TNC plug to type N male right angle cable using LMR-195 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 reverse polarity TNC to type N cable assembly has a plug to male gender configuration with 50 ohm flexible LMR-195 coax. The right angle type N interface on the LMR-195 cable allows for easier connections in tight spaces. 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity TNC Plug to N Male Right Angle Low Loss Cable Using LMR-195 Coax with HeatShrink PE3W05914/HS](#)



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Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-------------------------------|---------|--------------|---------|-----------------|
| Velocity of Propagation | | 80 | | % |
| RF Shielding | 90 | | | dB |
| Group Delay | | 1.27 [4.17] | | ns/ft [ns/m] |
| Capacitance | | 25.4 [83.33] | | pF/ft [pF/m] |
| Inductance | | 0.064 [0.21] | | uH/ft [uH/m] |
| DC Resistance Inner Conductor | | 7.6 [24.93] | | Ω/1000ft [Ω/Km] |
| DC Resistance Outer Conductor | | 4.9 [16.08] | | Ω/1000ft [Ω/Km] |
| Jacket Spark | | | 3,000 | Vrms |

Mechanical Specifications

Cable Assembly

| | |
|--------------------------------------|------------------------|
| Weight | 0.158 lbs [71.67 g] |
| Cable | |
| Cable Type | LMR-195 |
| 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] |
| Bending Moment | 0.2 lbs-ft [0.27 N-m] |
| Flat Plate Crush | 15 lbs/in [0.27 Kg/mm] |
| Tensile Strength | 40 lbs [18.14 Kg] |

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Connectors

| Description | Connector 1 | Connector 2 |
|-----------------------------------|------------------------------------|-----------------------------|
| Type | TNC Plug Reverse Polarity Threaded | N Male Right Angle Threaded |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Brass, Gold | Brass, Gold |
| Contact Plating Specification | 30 μ inches minimum | |
| Dielectric Type | | PTFE |
| Body Material and Plating | Brass, Nickel | Brass, Tri-Metal |
| Body Plating Specification | 100 μ inches minimum | |
| Coupling Nut Material and Plating | | Brass, Tri-Metal |

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

Plotted and Other Data

Notes:

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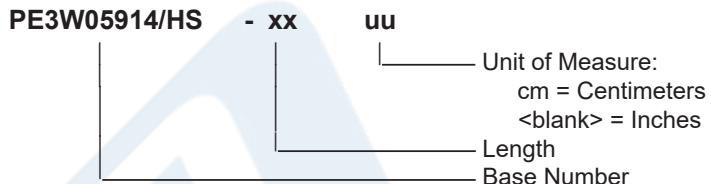
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How to Order

Part Number Configuration:



Example: PE3W05914/HS-12 = 12 inches long cable
PE3W05914/HS-100cm = 100 cm long cable

Reverse Polarity TNC Plug to N Male Right Angle Low Loss Cable Using LMR-195 Coax with HeatShrink 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.

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URL: <https://www.pasternack.com/reverse-polarity-tnc-plug-to-n-male-low-loss-cable-using-lmr-195-with-heatshrink-pe3w05914-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.

PE3W05914/HS CAD Drawing

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