



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

### TECHNICAL DATA SHEET

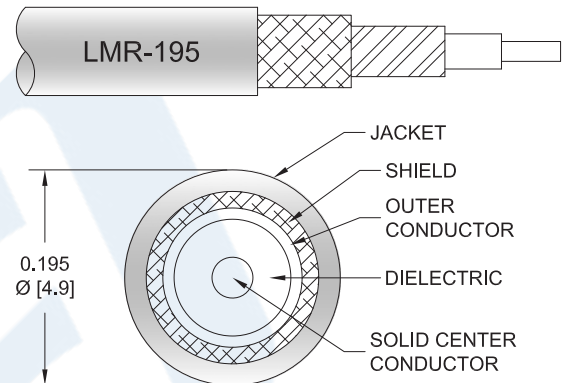
PE3W05914/HS

#### 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]		$\Omega$ /1000ft [ $\Omega$ /Km]
DC Resistance Outer Conductor		4.9 [16.08]		$\Omega$ /1000ft [ $\Omega$ /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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Reverse Polarity TNC Plug to N Male Right Angle Low  
Loss Cable Using LMR-195 Coax with HeatShrink

**TECHNICAL DATA SHEET**

**PE3W05914/HS**

**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 μinches minimum	
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Tri-Metal
Body Plating Specification	100 μinches 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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## Reverse Polarity TNC Plug to N Male Right Angle Low Loss Cable Using LMR-195 Coax with HeatShrink

### TECHNICAL DATA SHEET

**PE3W05914/HS**

#### How to Order

Part Number Configuration:

**PE3W05914/HS**

- **xx**

**uu**

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

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.

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](https://www.pasternack.com/reverse-polarity-tnc-plug-to-n-male-right-angle-low-loss-cable-using-lmr-195-coax-with-heatshrink-pe3w05914/hs)

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.

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1. CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROX 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
3. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

TYPE DS Rev-D4 Asize

**PE** **PASTERNAK®**  
an INFINITE® brand

Website: [www.Pasternack.com](http://www.Pasternack.com)  
Phone: 1.866.727.8376 | 1.949.261.1920

DESCRIPTION	

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

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	KDANG	PE3W05914/HS	A