

## 75 Ohm TNC Female Bulkhead to 75 Ohm N Male Cable Using 75 Ohm RG179 Coax with Double HeatShrink



### PE3W15032/HS2

#### Configuration

- Connector 1: TNC Female Bulkhead
- Connector 2: N Male
- Cable Type: RG179
- Coax Flex Type: Flexible

#### Features

- 70% Phase Velocity
- FEP Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W15032/HS2 75 ohm TNC female bulkhead to 75 ohm type N male cable using 75 ohm RG179 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 TNC to type N cable assembly has a female to male gender configuration with 75 ohm flexible RG179 coax. Our RF cable assembly with TNC bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		19.4 [63.65]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.118 lbs [53.52 g]

##### Cable

Cable Type	RG179
Impedance	75 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid

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Jacket Material	FEP, Tan
Jacket Diameter	0.1 in [2.54 mm]
Repeated Minimum Bend Radius	0.4 in [10.16 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	TNC Female Bulkhead	N Male
Specification	MIL-STD-348	MIL-STD-348
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Silver	Brass, Gold
Contact Plating Specification	QQ-S-365	MIL-G-45204
Dielectric Type		PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		QQ-N-290

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:

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**PE3W15032/HS2**

**Typical Performance Data**

**How to Order**



Example:    PE3W15032/HS2-12 = 12 inches long cable  
              PE3W15032/HS2-100cm = 100 cm long cable

75 Ohm TNC Female Bulkhead to 75 Ohm N Male Cable Using 75 Ohm RG179 Coax with Double 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: [75 Ohm TNC Female Bulkhead to 75 Ohm N Male Cable Using 75 Ohm RG179 Coax with Double HeatShrink PE3W15032/HS2](#)

URL: <https://www.pasternack.com/75-ohm-tnc-female-bulkhead-to-75-ohm-n-male-cable-using-rg179-with-double-heatshrink-pe3w15032-hs2-p.aspx>

The information contained within 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 impliment improvements. Pasternack Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

# PE3W15032/HS2 CAD Drawing

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