

SMA Male Right Angle to TNC Female Bulkhead Cable 100 cm Length Using PE-SR405FLJ Coax with HeatShrink



RF Cable Assemblies Technical Data Sheet

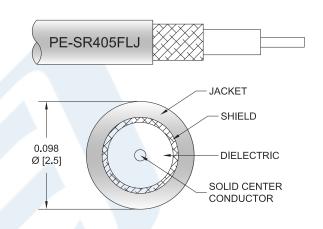
PE3W03175/HS-100CM

Configuration

- Connector 1: SMA Male Right AngleConnector 2: TNC Female Bulkhead
- · Cable Type: PE-SR405FLJ

Features

- Shielding Effectivity > 100 dB
- 69.5% Phase Velocity
- · FEP Jacket



Applications

· General Purpose

· Laboratory Use

Description

Pasternack's PE3W03175/HS-100CM SMA male right angle to TNC female bulkhead 100 cm cable using PE-SR405FLJ coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack SMA to TNC cable assembly has a male to female gender configuration with 50 ohm formable PE-SR405FLJ coax. The right angle SMA interface on the PE-SR405FLJ cable allows for easier connections in tight spaces. 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		69.5		%
RF Shielding	100			dB
Group Delay		1.43 [4.69]		ns/ft [ns/m]
Capacitance		29 [95.14]		pF/ft [pF/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Right Angle to TNC Female Bulkhead Cable 100 cm Length Using PE-SR405FLJ Coax with HeatShrink PE3W03175/HS-100CM

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451

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Mechanical Specifications

Cable Assembly

Length* 39.37 in [100 cm]

Cable

Cable Type PE-SR405FLJ
Impedance 50 Ohms
Inner Conductor Type Solid

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type PTFE
Number of Shields 1

Outer Conductor Material and Plating Tinned Copper Braid

Jacket Material FEP, Black
Jacket Diameter 0.098 in [2.49 mm]

One Time Minimum Bend Radius 0.236 in [5.99 mm]
Repeated Minimum Bend Radius 0.787 in [19.99 mm]

Connectors

Description	Connector 1	Connector 2 TNC Female Bulkhead	
Туре	SMA Male Right Angle		
Impedance	50 Ohms	50 Ohms	
Contact Material and Plating	Brass, Gold over Nickel		
Contact Plating Specification	0.2 μin minimum		
Dielectric Type	PTFE		
Body Material and Plating	Brass, Gold over Nickel	Brass, Nickel	
Body Plating Specification	0.1 µin minimum		
Coupling Nut Material and Plating	Passivated Stainless Steel		
Hex Size	5/16 inch		
Torque	8 in-lbs [0.9 Nm]		

Mechanical Specification Notes:

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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^{*}All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.



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How to Order



Example: PE3W03175/HS-12 = 12 inches long cable PE3W03175/HS-100cm = 100 cm long cable

SMA Male Right Angle to TNC Female Bulkhead Cable 100 cm Length Using PE-SR405FLJ 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/sma-male-tnc-female-pe-sr405flj-cable-assembly-pe3w03175-hs-100cm-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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PE3W03175/HS-100CM CAD DrawingSMA Male Right Angle to TNC Female Bulkhead Cable 100 cm Length Using PE-SR405FLJ Coax with HeatShrink

