

Push-On SMP Female to TNC Female Bulkhead Cable Using PE-SR405FLJ Coax

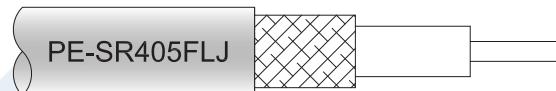


RF Cable Assemblies Technical Data Sheet

PE3W09196

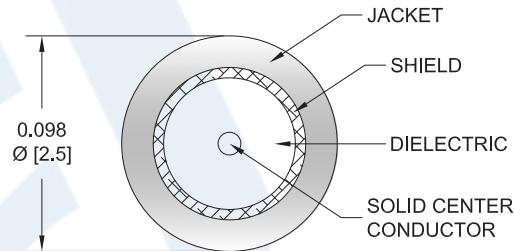
Configuration

- Connector 1: Push-OnSMP Female
- Connector 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 PE3W09196 SMP female push-on to TNC female bulkhead 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 SMP to TNC cable assembly has a female to female gender configuration with 50 ohm formable PE-SR405FLJ 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		69.5		%
RF Shielding	100			dB
Group Delay		1.43 [4.69]		ns/ft [ns/m]
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		65.7 [215.55]		Ω/1000ft [Ω/Km]
DC Resistance Outer Conductor		10.2 [33.46]		Ω/1000ft [Ω/Km]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Push-On SMP Female to TNC Female Bulkhead Cable Using PE-SR405FLJ Coax PE3W09196](#)



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Mechanical Specifications

Cable Assembly

Weight	0.084 lbs [38.1 g]
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 Composite Braid
Jacket Material	FEP, Black
Jacket Diameter	0.105 in [2.67 mm]
One Time Minimum Bend Radius	0.5 in [12.7 mm]
Repeated Minimum Bend Radius	0.787 in [19.99 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMP Female	TNC Female Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Connection Method	Push-On	
Contact Material and Plating	Beryllium Copper, Gold	
Contact Plating Specification	MIL-DTL-45204	
Dielectric Type	PTFE	
Outer Conductor Material and Plating	Beryllium Copper, Gold	
Outer Conductor Plating Specification	MIL-DTL-45204	
Body Material and Plating	Beryllium Copper, Gold	Brass, Nickel
Body Plating Specification	MIL-DTL-45204	

Environmental Specifications

Temperature

Operating Range -55 to +155 deg C

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

Plotted and Other Data

Notes:

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Push-On SMP Female to TNC Female Bulkhead
Cable Using PE-SR405FLJ Coax



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PE3W09196

How to Order

Part Number Configuration:

PE3W09196

- **xx**

uu

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

Example: PE3W09196-12 = 12 inches long cable
PE3W09196-100cm = 100 cm long cable

Push-On SMP Female to TNC Female Bulkhead Cable Using PE-SR405FLJ 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.

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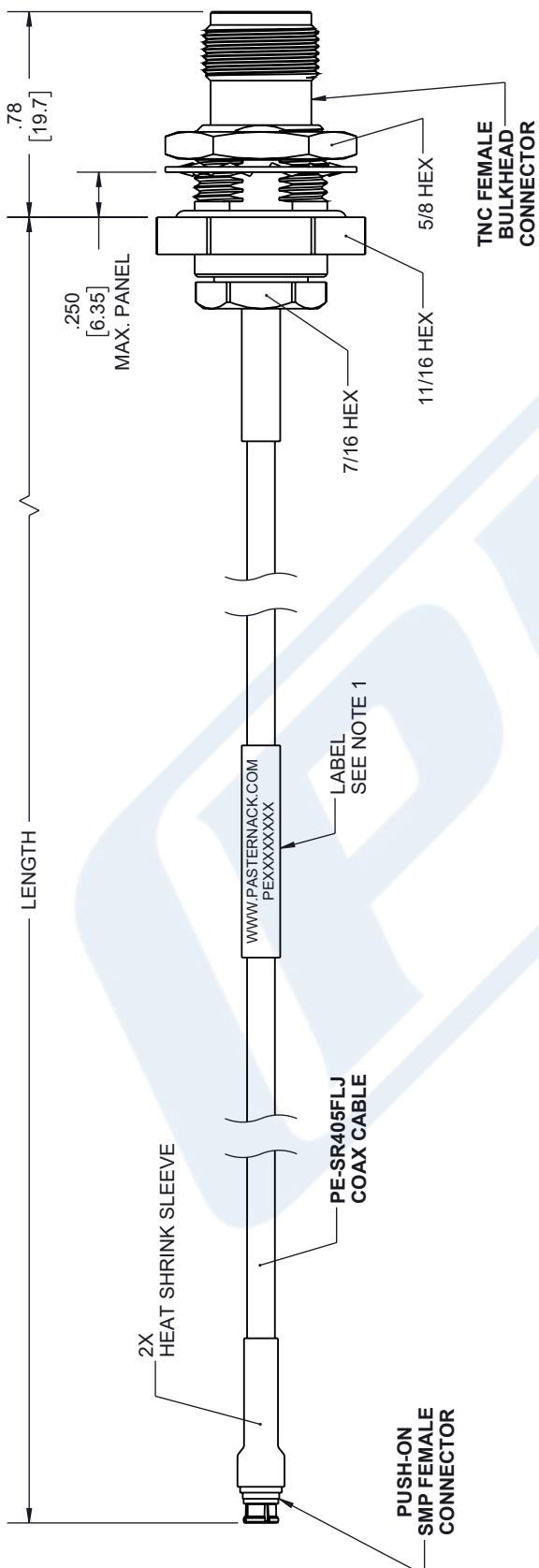
URL: <https://www.pasternack.com/push-on-smp-female-to-tnc-female-bulkhead-cable-using-pe-sr405flj-pe3w09196-p.aspx>

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PE3W09196 CAD Drawing

Push-On SMP Female to TNC Female Bulkhead Cable Using PE-SR405FLJ Coax

ZONE	REV.	DESCRIPTION	REVISION DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	12/17/2022	KDANG	AGANWANI



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PF3W09196 RFV 1.0

NOTES:

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.
CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY

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OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES UNLESS INDICATED OTHERWISE. DIMENSIONS IN () ARE MILLIMETERS	FRACTIONS [5] 2 [5] 0.06 [13]	± 1/32 ANGLES ± ° LENGTH TOLERANCES: [12] [305] = +1 [25] / -0 [5] ≤ 60 [1524] = +2 [51] / -0 [5] ≤ 120 [3048] = +4 [112] / -0 [5] ≤ 300 [7620] = +6 [152] / -0 >300 [7620] = +5% / -0	SCALE NONE 1 OF 1 SHEET
WEBSITE: www.Pasternack.com PHONE: 1.866.727.8376 1.949.261.1920	DESCRIPTION Push-On SMP Female to TNC Female Bulkhead Cable Using PE- SR405FLJ Coax	ITEM NO. PE3W09196	REV A
SIZE A 53919	CAGE CODE KDANG	DRAWN BY KDANG	

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