



Reverse Polarity TNC Jack Bulkhead to SMA Male Cable Using PE-SR402FLJ Coax with HeatShrink

RF Cable Assemblies Technical Data Sheet

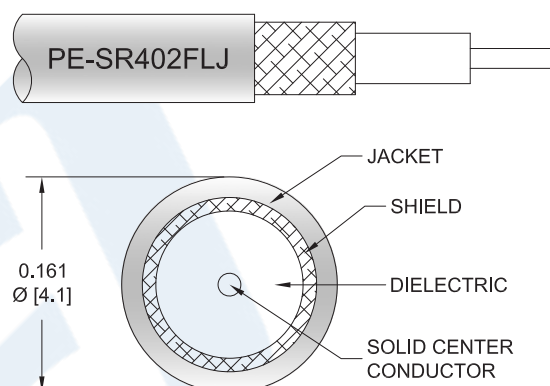
PE3W11930/HS

Configuration

- Connector 1: TNC Jack Reverse Polarity Bulkhead
- Connector 2: SMA Male
- Cable Type: PE-SR402FLJ

Features

- Shielding Effectivity > 100 dB
- 70% Phase Velocity
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W11930/HS reverse polarity TNC jack bulkhead to SMA male cable using PE-SR402FLJ 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 reverse polarity TNC to SMA cable assembly has a jack to male gender configuration with 50 ohm formable PE-SR402FLJ 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		%
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		8.23 [27]		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: [Reverse Polarity TNC Jack Bulkhead to SMA Male Cable Using PE-SR402FLJ Coax with HeatShrink PE3W11930/HS](#)



Reverse Polarity TNC Jack Bulkhead to SMA Male
Cable Using PE-SR402FLJ Coax with HeatShrink

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PE3W11930/HS

Mechanical Specifications

Cable Assembly

Cable

Cable Type	PE-SR402FLJ
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Outer Conductor Material and Plating	Tinned Copper Braid
Outer Conductor Diameter	0.139 in [3.53 mm]
Jacket Material	FEP, Black
Jacket Diameter	0.161 in [4.09 mm]
One Time Minimum Bend Radius	0.315 in [8 mm]
Repeated Minimum Bend Radius	1.575 in [40.01 mm]

Connectors

Description	Connector 1	Connector 2
Type	TNC Jack Reverse Polarity Bulkhead	SMA Male
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification		50 μ in minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Stainless Steel, Gold
Body Plating Specification		10 μ in minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 μ in minimum
Hex Size		5/16 inch
Torque		3 in-lbs [0.34 Nm]

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

Plotted and Other Data

Notes:

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RF Cable Assemblies Technical Data Sheet

PE3W11930/HS

How to Order

Part Number Configuration:

PE3W11930/HS

- **xx**

uu

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

Example: PE3W11930/HS-12 = 12 inches long cable
PE3W11930/HS-100cm = 100 cm long cable

Reverse Polarity TNC Jack Bulkhead to SMA Male Cable Using PE-SR402FLJ 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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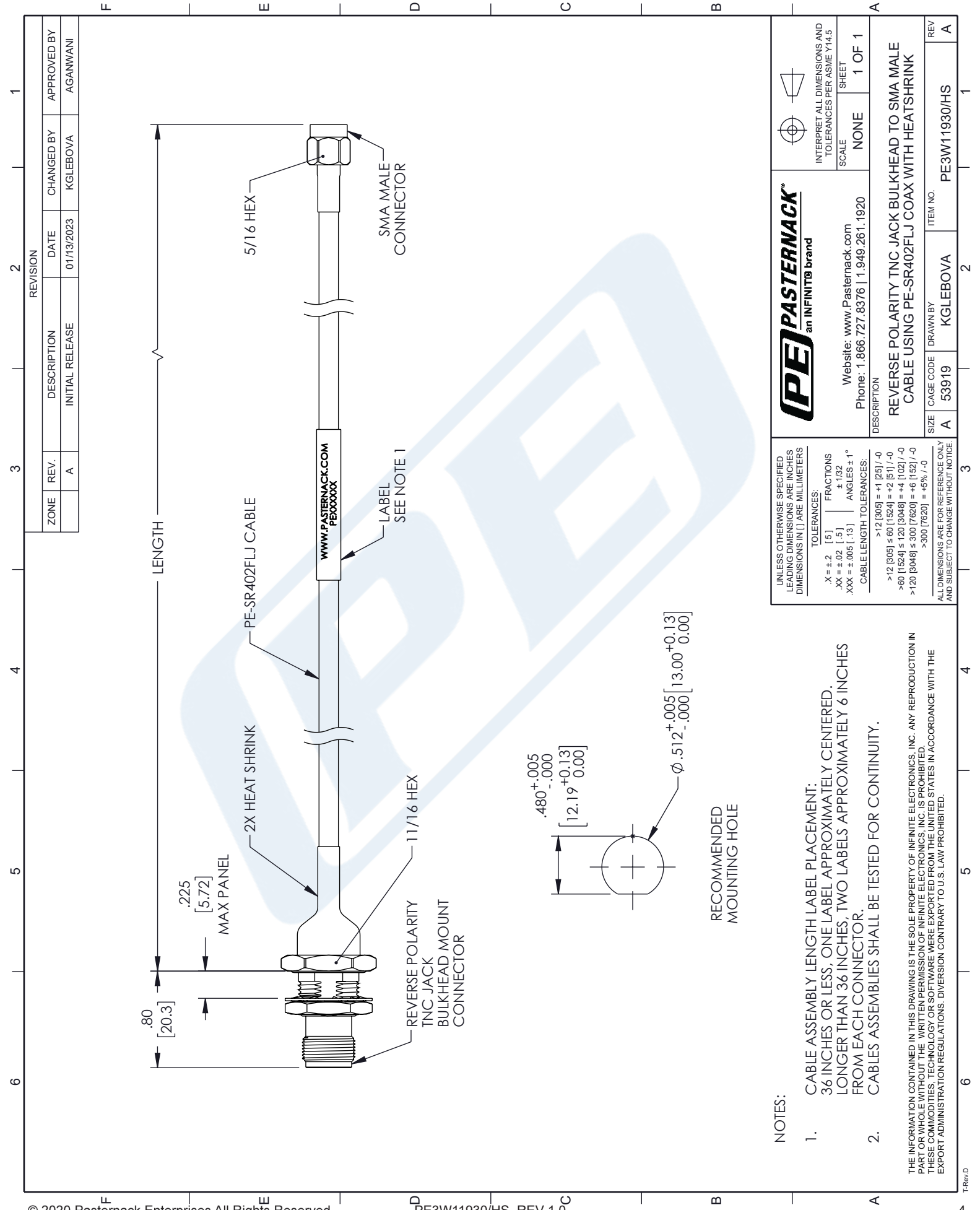
URL: <https://www.pasternack.com/reverse-polarity-tnc-jack-bulkhead-to-sma-male-cable-using-pe-sr402flj-with-heatshrink-pe3w11930-hs-p.aspx>

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.

PE3W11930/HS CAD Drawing

Reverse Polarity TNC Jack Bulkhead to SMA Male Cable

Using PE-SR402FLJ Coax with HeatShrink



NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SCALE NONE	SHEET 1 OF 1
DESCRIPTION REVERSE POLARITY TNC JACK BULKHEAD TO SMA MALE CABLE USING PE-SR402FLJ COAX WITH HEATSHRINK			
SIZE A	CAGE CODE 53919	DRAWN BY KGLEBOVA	ITEM NO. PE3W11930/HS
REV A		REV A	