

Push-On SMP Female Right Angle to Reverse Polarity TNC Jack Cable Using RG316 Coax



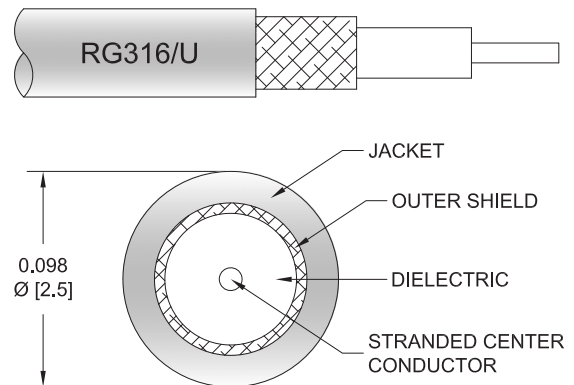
PE3W06242

Configuration

- Connector 1: Push-On SMP Female Right Angle
- Connector 2: TNC Jack Reverse Polarity
- Cable Type: RG316
- Coax Flex Type: Flexible

Features

- 69% Phase Velocity
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W06242 SMP female push-on right angle to reverse polarity TNC jack cable using RG316 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 SMP to reverse polarity TNC cable assembly has a female to jack gender configuration with 50 ohm flexible RG316 coax. The right angle SMP interface on the RG316 cable allows for easier connections in tight spaces.

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		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Jacket Spark			2,000	Vrms

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.038 lbs [17.24 g]

Cable

Cable Type	RG316
Impedance	50 Ohms
Inner Conductor Type	Stranded

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Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.102 in [2.59 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMP Female Right Angle	TNC Jack Reverse Polarity
Specification	MIL-STD-348A	MIL-C-39012
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Connection Method	Push-On	
Contact Material and Plating	Beryllium Copper, Gold	Brass, Gold
Contact Plating Specification	30µ in. minimum	3 µin minimum
Dielectric Type	Teflon	PTFE
Outer Conductor Material and Plating	Beryllium Copper, Gold	
Outer Conductor Plating Specification	3µ in. minimum	
Body Material and Plating	Brass, Gold	Brass, Nickel
Body Plating Specification	3µ in. minimum	100 µin minimum

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3W06242

Typical Performance Data

How to Order

Part Number Configuration:

PE3W06242

- XX

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- Unit of Measure:
cm = Centimeters
<blank> = Inches

- Length

- Base Number

Example: PE3W06242-12 = 12 inches long cable
PE3W06242-100cm = 100 cm long cable

Push-On SMP Female Right Angle to Reverse Polarity TNC Jack Cable Using RG316 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.

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 Right Angle to Reverse Polarity TNC Jack Cable Using RG316 Coax PE3W06242](#)

URL: <https://www.pasternack.com/push-on-smp-female-right-angle-to-reverse-polarity-tnc-jack-cable-using-rg316-pe3w06242-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 implement 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.

PE3W06242 CAD Drawing

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