

SMA Male to TNC Female Bulkhead Cable Using RG402 Coax



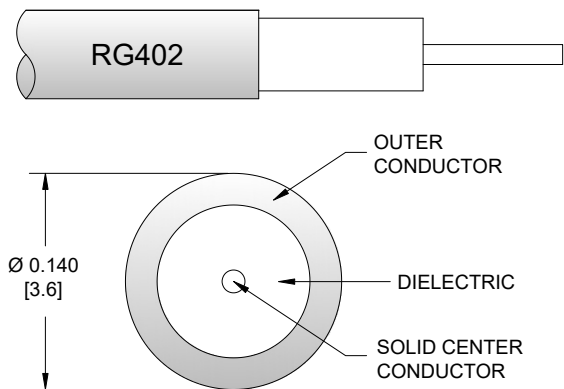
PE3W03158

Configuration

- Connector 1: SMA Male
- Connector 2: TNC Female Bulkhead
- Cable Type: RG402
- Coax Flex Type: Semi-Rigid

Features

- 69.5% Phase Velocity



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W03158 SMA male to TNC female bulkhead cable using RG402 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack SMA to TNC cable assembly has a male to female gender configuration with 50 ohm semi-rigid RG402 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		%

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.087 lbs [39.46 g]

Cable

Cable Type	RG402
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE

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Outer Conductor 1 Material and Plating	Copper
Jacket Material	Tan
Repeated Minimum Bend Radius	0.25 in [6.35 mm]

Connectors

Description	Connector 1	Connector 2
Type	SMA Male	TNC Female Bulkhead
Specification		MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating		Gold
Contact Plating Specification		MIL-G-45204
Dielectric Type		PTFE
Body Material and Plating	Brass, Gold over Nickel	Passivated Stainless Steel
Body Plating Specification		QQ-P-35
Coupling Nut Material and Plating	Passivated Stainless Steel	
Hex Size	16-May inch	
Torque	8 in-lbs 0.9 Nm	

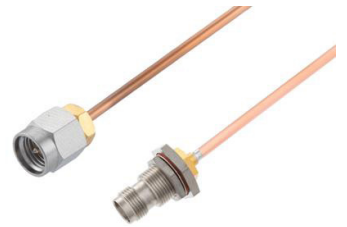
Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3W03158

Typical Performance Data

How to Order

Part Number Configuration:

PE3W03158

- **xx**

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W03158-12 = 12 inches long cable
PE3W03158-100cm = 100 cm long cable

SMA Male to TNC Female Bulkhead Cable Using RG402 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: [SMA Male to TNC Female Bulkhead Cable Using RG402 Coax PE3W03158](#)

URL: <https://www.pasternack.com/sma-male-to-tnc-female-bulkhead-cable-using-rg402-pe3w03158-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.

PE3W03158 CAD Drawing

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