

SMA Male to TNC Female Bulkhead Cable Using RG316 Coax

PE3W00473

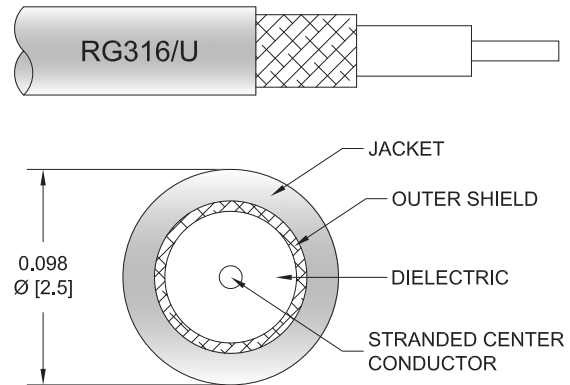


Configuration

- Connector 1: SMA Male
- Connector 2: TNC Female Bulkhead
- Cable Type: RG316
- Coax Flex Type: Flexible

Features

- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W00473 SMA male to TNC female bulkhead 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 SMA to TNC cable assembly has a male to female gender configuration with 50 ohm flexible RG316 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
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.077 lbs [34.93 g]

Cable

Cable Type RG316
 Impedance 50 Ohms
 Inner Conductor Type Stranded
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 1

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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	SMA Male	TNC Female Bulkhead
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	30 µin minimum	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100 µin minimum	
Hex Size	5/16 in	
Torque	5 in-lbs 0.57 Nm	

Environmental Specifications

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

Plotted and Other Data

Notes:

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PE3W00473

Typical Performance Data

How to Order

Part Number Configuration:

PE3W00473

- xx

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

Length

Base Number

Example: PE3W00473-12 = 12 inches long cable
PE3W00473-100cm = 100 cm long cable

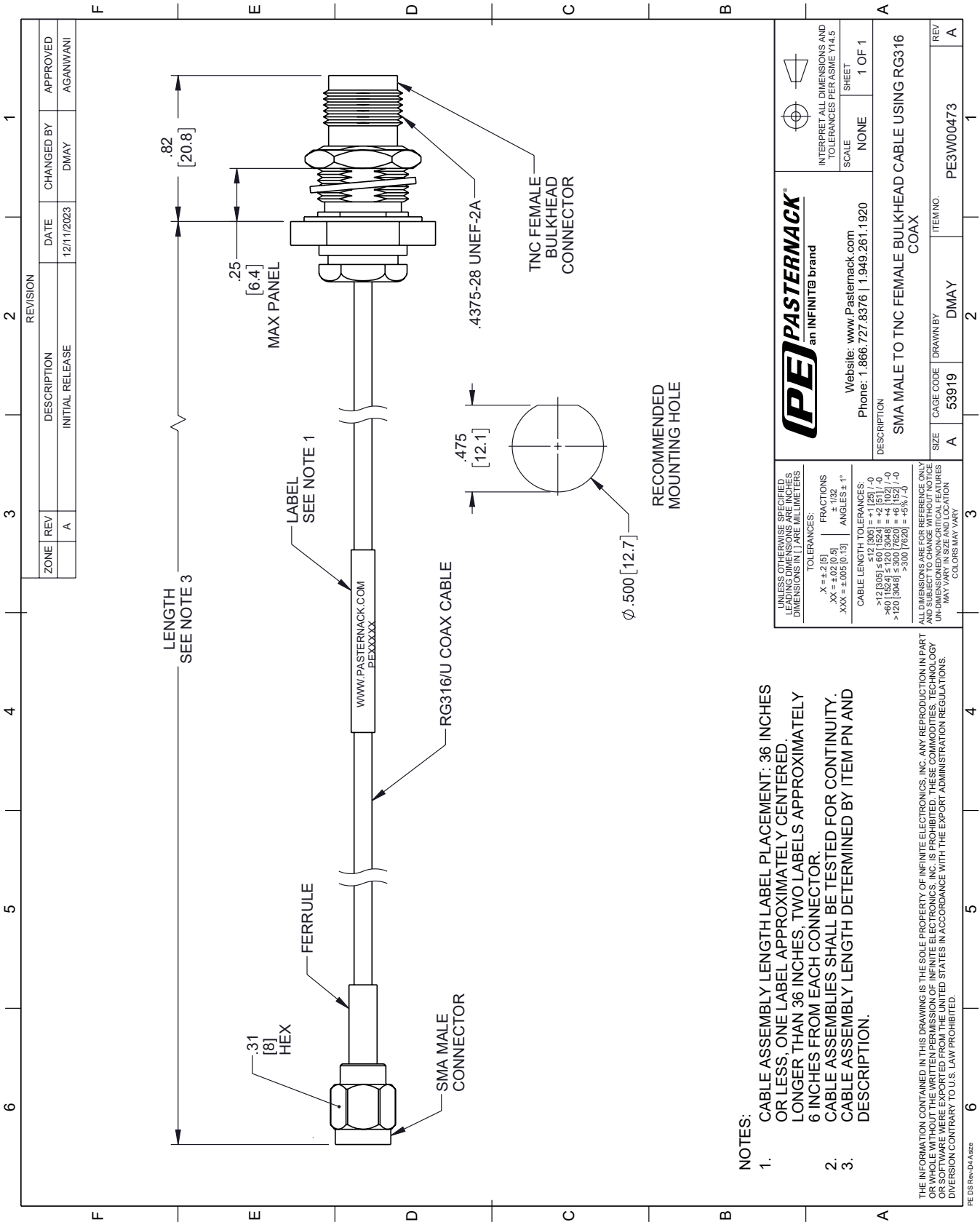
SMA Male to TNC Female Bulkhead Cable Using RG316 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to TNC Female Bulkhead Cable Using RG316 Coax PE3W00473](#)

URL: <https://www.pasternack.com/sma-male-to-tnc-female-bulkhead-cable-using-rg316-pe3w00473-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.

PE3W00473 CAD Drawing
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- 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. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

Technical specifications and company information including tolerances, cable length tolerances, and contact details for Pasternack.

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES. DIMENSIONS IN [] ARE IN MILLIMETERS.		TOLERANCES: X = ±.015 [0.38] XX = ±.005 [0.13] XXX = ±.002 [0.05]		FRACTIONS: ±.102 ANGLES ± 1°	
CABLE LENGTH TOLERANCES: ≤ 12 [305] = +.1 [25] / -0 > 12 [305] ≤ 60 [1524] = +.2 [51] / -0 > 60 [1524] ≤ 120 [3048] = +.3 [76] / -0 > 120 [3048] ≤ 300 [7620] = +.5 [127] / -0 > 300 [7620] = +.6 [152] / -0		ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS ARE NOT TO BE USED FOR PART IDENTIFICATION. DIMENSIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. UNLESS OTHERWISE SPECIFIED, DIMENSIONS MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.		PASTE an INFINIT brand	
Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920		SHEET 1 OF 1		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
DESCRIPTION SMA MALE TO TNC FEMALE BULKHEAD CABLE USING RG316 COAX		ITEM NO. PE3W00473		REV A	