

## TNC Male Right Angle to TNC Female Bulkhead Cable 24 Inch Length Using RG316-DS Coax



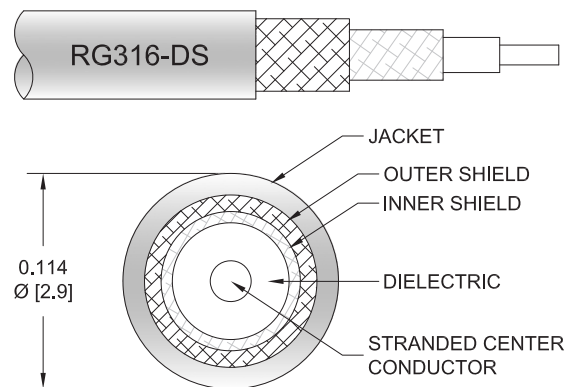
### PE38898-24

#### Configuration

- Connector 1: TNC Male Right Angle
- Connector 2: TNC Female Bulkhead
- Cable Type: RG316-DS
- Coax Flex Type: Flexible

#### Features

- 70% Phase Velocity
- Double Shielded
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE38898-24 TNC male right angle to TNC female bulkhead 24 inch cable using RG316-DS 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 TNC to TNC cable assembly has a male to female gender configuration with 50 ohm flexible RG316-DS coax. The right angle TNC interface on the RG316-DS cable allows for easier connections in tight spaces. 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. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Length	24 in [609.6 mm]
Width/Diameter	0.5 in [12.7 mm]
Weight	0.138 lbs [62.6 g]

##### Cable

Cable Type	RG316-DS
Impedance	50 Ohms

TNC Male Right Angle to TNC Female Bulkhead  
Cable 24 Inch Length Using RG316-DS Coax



**PE38898-24**

Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.114 in [2.9 mm]
One Time Minimum Bend Radius	0.59 in [14.99 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	TNC Male Right Angle	TNC Female Bulkhead
Specification		MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification		30 µin minimum
Dielectric Type	Delrin	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100 µin minimum

**Environmental Specifications**

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

**Plotted and Other Data**

Notes:

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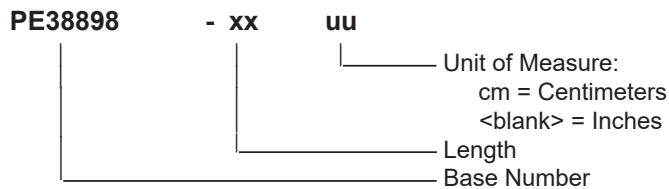


**PE38898-24**

**Typical Performance Data**

**How to Order**

Part Number Configuration:



Example: PE38898-12 = 12 inches long cable  
PE38898-100cm = 100 cm long cable

TNC Male Right Angle to TNC Female Bulkhead Cable 24 Inch Length Using RG316-DS 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.

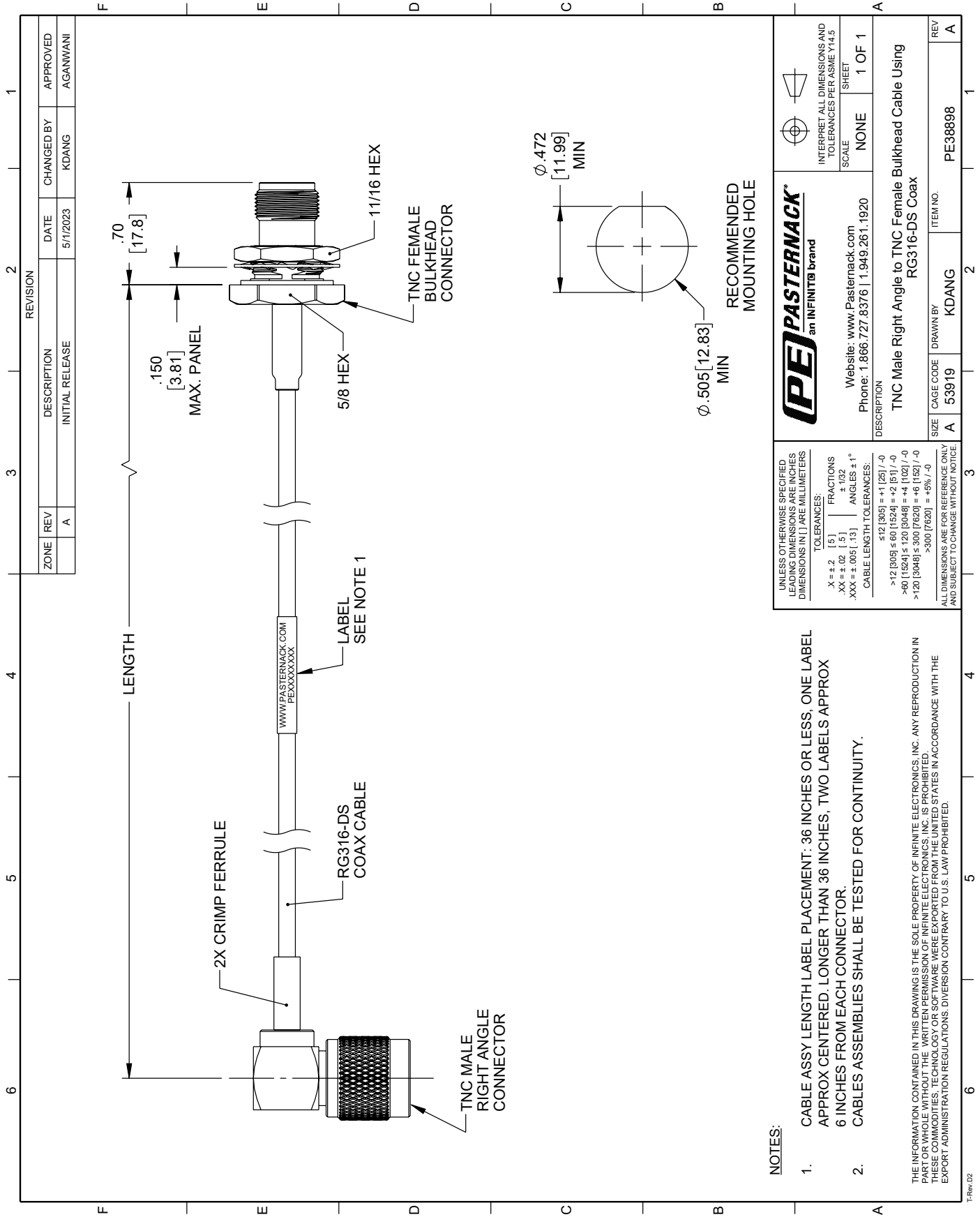
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Right Angle to TNC Female Bulkhead Cable 24 Inch Length Using RG316-DS Coax PE38898-24](https://www.pasternack.com/tnc-male-right-angle-to-tnc-female-bulkhead-cable-24-inch-length-using-rg316-ds-pe38898-24)

URL: <https://www.pasternack.com/tnc-male-right-angle-to-tnc-female-bulkhead-cable-24-inch-length-using-rg316-ds-pe38898-24-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 impliment 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.

# PE38898-24 CAD Drawing

TNC Male Right Angle to TNC Female Bulkhead Cable 24 Inch Length Using RG316-DS Coax



**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.
- CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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UNLESS OTHERWISE SPECIFIED, ALL DIMENSIONS ARE IN INCHES. DIMENSIONS IN [ ] ARE IN MILLIMETERS.	
TOLERANCES:	FRACTIONS
X ± .2 [5]	± 1/32
.XX ± .02 [5]	± .005
.XXX ± .005 [13]	± .001
CABLE LENGTH TOLERANCES:	
<12 [305]	± .1 [25] / -0
>12 [305] ≤ 60 [1524]	± .2 [5] / -0
>60 [1524] ≤ 120 [3048]	± .4 [102] / -0
>120 [3048] ≤ 300 [7620]	± .8 [20] / -0
>300 [7620]	± 1.6 [41] / -0
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	

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Website: [www.Pasternack.com](http://www.Pasternack.com)  
Phone: 1.866.727.8376 | 1.949.261.1920

INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE

SHEET: 1 OF 1

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DESCRIPTION: TNC Male Right Angle to TNC Female Bulkhead Cable Using RG316-DS Coax

SIZE: A	CAGE CODE: 53919	DRAWN BY: KDANG	ITEM NO: PE38898	REV: A
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