



TNC Male to TNC Male Cable 24 Inch Length Using RG316 Coax

RF Cable Assemblies Technical Data Sheet

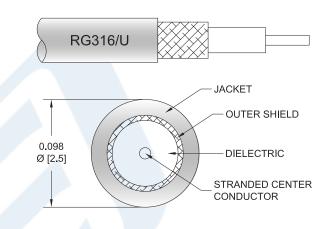
PE3747-24

Configuration

Connector 1: TNC MaleConnector 2: TNC MaleCable Type: RG316

Features

- Max Frequency 3 GHz
- FEP Jacket



Applications

· General Purpose

Laboratory Use

Description

Pasternack's PE3747-24 TNC male to TNC male 24 inch 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 TNC to TNC cable assembly has a male to male gender configuration with 50 ohm flexible RG316 coax. The PE3747-24 TNC male to TNC male cable assembly operates to 3 GHz.

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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: TNC Male to TNC Male Cable 24 Inch Length Using RG316 Coax PE3747-24

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623 **Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451





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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		3	GHz
VSWR		250	1.4:1	
Capacitance		32 [104.99]		pF/ft [pF/m]

Specifications by Frequency

-1							
Description	F1	F2	F3	F4	F5	Units	
Frequency	0.1	0.25	0.5	1	3	GHz	
Insertion Loss (Typ.)	0.42	0.52	0.677	0.96	1.36	dB	

Mechanical Specifications

Cable Assembly

Length* 24 in [609.6 mm]
Weight 0.077 lbs [34.93 g]

Cable

Cable Type
Impedance
Inner Conductor Type

Inner Conductor Material and Plating

Copper Clad Steel, Silver

Dielectric Type

PTFE

Dielectric Type Number of Shields Shield Layer 1 Jacket Material Jacket Diameter

1 Silver Plated Copper Braid FEP, Tan 0.098 in [2.49 mm]

RG316

50 Ohms

Stranded

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Connectors

Description	Connector 1	Connector 2		
Туре	TNC Male	TNC Male		
Specification	MIL-STD-348A MIL-STD-348A			
Impedance	50 Ohms	50 Ohms		
Contact Material and Plating	Brass, Gold	Brass, Gold		
Contact Plating Specification	30μ in. minimum	30μ in. minimum		
Dielectric Type	Teflon	Teflon		
Body Material and Plating	Brass, Nickel	Brass, Nickel		
Body Plating Specification	100μ in. minimum	100μ in. minimum		

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

• Values at 25°C, sea level.

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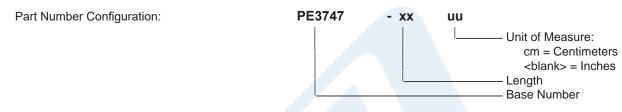


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How to Order



Example: PE3747-12 = 12 inches long cable

PE3747-100cm = 100 cm long cable

TNC Male to TNC Male Cable 24 Inch Length 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.

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URL: https://www.pasternack.com/tnc-male-tnc-male-rg316u-cable-assembly-pe3747-24-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.

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PE3747-24 CAD Drawing
TNC Male to TNC Male Cable 24 Inch Length Using RG316 Coax

