



## 75 Ohm TNC Male to 75 Ohm TNC Male Cable 72 Inch Length Using 75 Ohm RG6 Coax

### RF Cable Assemblies Technical Data Sheet

**PE35348-72**

#### Configuration

- Connector 1: TNC Male
- Connector 2: TNC Male
- Cable Type: RG6

#### Features

- Max Frequency 1 GHz
- Shielding Effectivity > 90 dB
- 65.9% Phase Velocity
- Double Shielded
- PVC (NC) Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE35348-72 75 ohm TNC male to 75 ohm TNC male 72 inch cable using 75 ohm RG6 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 75 ohm flexible RG6 coax. The PE35348-72 TNC male to TNC male cable assembly operates to 1 GHz. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 dB.

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
Frequency Range	DC		1	
Velocity of Propagation		65.9		%
RF Shielding	90			dB
Capacitance		20.6 [67.59]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight	0.566 lbs [256.73 g]
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm TNC Male to 75 Ohm TNC Male Cable 72 Inch Length Using 75 Ohm RG6 Coax PE35348-72](#)



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### Cable

Cable Type	RG6
Impedance	75 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Copper Braid
Jacket Material	PVC (NC), Black
Jacket Diameter	0.332 in [8.43 mm]

One Time Minimum Bend Radius

3.5 in [88.9 mm]

### Connectors

Description	Connector 1	Connector 2
Type	TNC Male	TNC Male
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 $\mu$ in. minimum	30 $\mu$ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 $\mu$ in. minimum	100 $\mu$ in. minimum
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100 $\mu$ in. minimum	100 $\mu$ in. minimum

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

### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm TNC Male to 75 Ohm TNC Male Cable 72 Inch Length Using 75 Ohm RG6 Coax PE35348-72](#)

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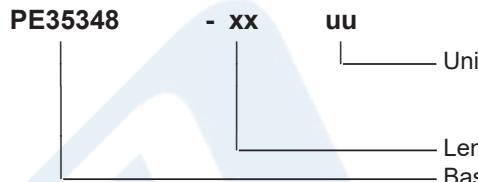


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**PE35348-72**

### How to Order

Part Number Configuration:



Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE35348-12 = 12 inches long cable  
PE35348-100cm = 100 cm long cable

75 Ohm TNC Male to 75 Ohm TNC Male Cable 72 Inch Length Using 75 Ohm RG6 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: [75 Ohm TNC Male to 75 Ohm TNC Male Cable 72 Inch Length Using 75 Ohm RG6 Coax PE35348-72](#)

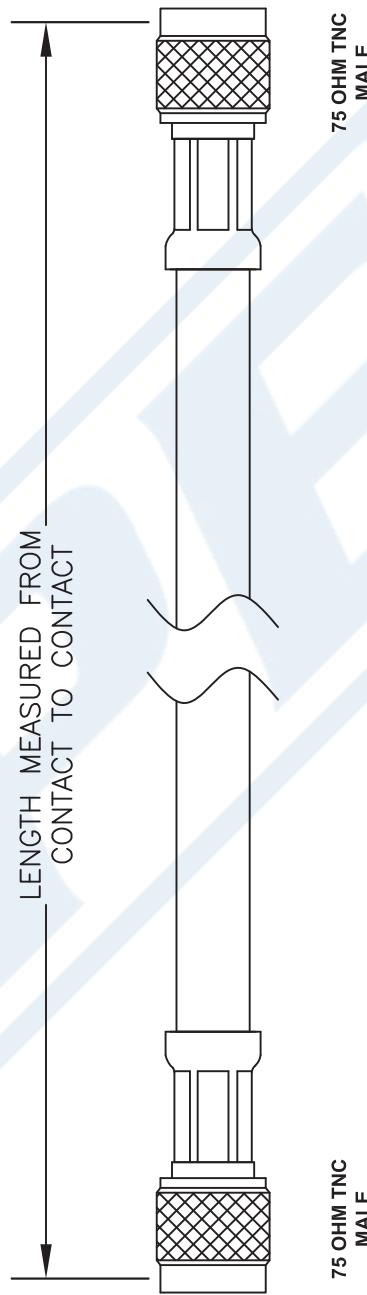
URL: <https://www.pasternack.com/tnc-male-tnc-male-rg6au-cable-assembly-pe35348-72-p.aspx>

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.

# PE35348-72 CAD Drawing

75 Ohm TNC Male to 75 Ohm TNC Male Cable 72 Inch Length Using 75 Ohm RG6 Coax

Standard Lengths	
-12	12"
-24	24"
-36	36"
-48	48"
-60	60"
-XXX	
Custom Length in Inches	



**PE PASTERNACK®**

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DWG TITLE

**PE35348-XX**

NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR 3/8", WHICHEVER IS GREATER.

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REV. A	FSCM NO.	53919	CAD FILE	020608	SCALE N/A	SIZE A
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