



N Male to Reverse Polarity TNC Male Cable  
60 Inch Length Using RG142 Coax

## RF Cable Assemblies - PE34573-60

### Configuration

- Connector 1: N Male
- Connector 2: TNC Male Reverse Polarity
- Cable Type: RG142

### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		8	GHz
Velocity of Propagation		69.2		%
RF Shielding	90			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]

### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	500	1000	2	4	8	MHz
Insertion Loss	0.597	0.85	1.12	1.695		dB

### Mechanical Specifications

#### Cable Assembly

Length	60 in [152.4 cm]
Diameter	0.812 in [20.62 mm]
Weight	0.148 lbs [67.13 g]
Cable Color	Tan
Connection Type	Between Series
One Time Minimum Bend Radius	0.984 in [24.99 mm]
Repeated Minimum Bend Radius	2 in [50.8 mm]

#### Cable

Cable Type	RG142
Impedance	50 Ohms
Inner Conductor Type	Solid
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

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to Reverse Polarity TNC Male Cable 60 Inch Length Using RG142 Coax PE34573-60](#)



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## RF Cable Assemblies - PE34573-60

Jacket Material  
Jacket Diameter

FEP  
0.195 in [4.95 mm]

### Connectors

Description	Connector 1	Connector 2
Type	N Male	TNC Male Reverse Polarity
Specification	MIL-STD-348	
Impedance	50 Ohms	50 Ohms
Connection Method	Standard	Standard
Contact Material and Plating	Brass, Silver	Brass, Gold
Contact Plating Specification		30μ in. minimum
Dielectric Type	Teflon	Teflon
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100μ in. minimum
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100μ in. minimum

### Environmental Specifications

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

For RoHS Compliant version, use PE34573LF-60. Contact Pasternack if product cannot be found.  
REACH Compliant 06/18/2012

### Plotted and Other Data

Notes:

- Values at +25 °C, sea level

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## RF Cable Assemblies - PE34573-60

### How to Order

Part Number Configuration:

**PE34573**

- **xx**

**uu**

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

Example: PE34573-12 = 12 inches long cable  
PE34573-100cm = 100 cm long cable

N Male to Reverse Polarity TNC Male Cable 60 Inch Length Using RG142 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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: [N Male to Reverse Polarity TNC Male Cable 60 Inch Length Using RG142 Coax PE34573-60](#)

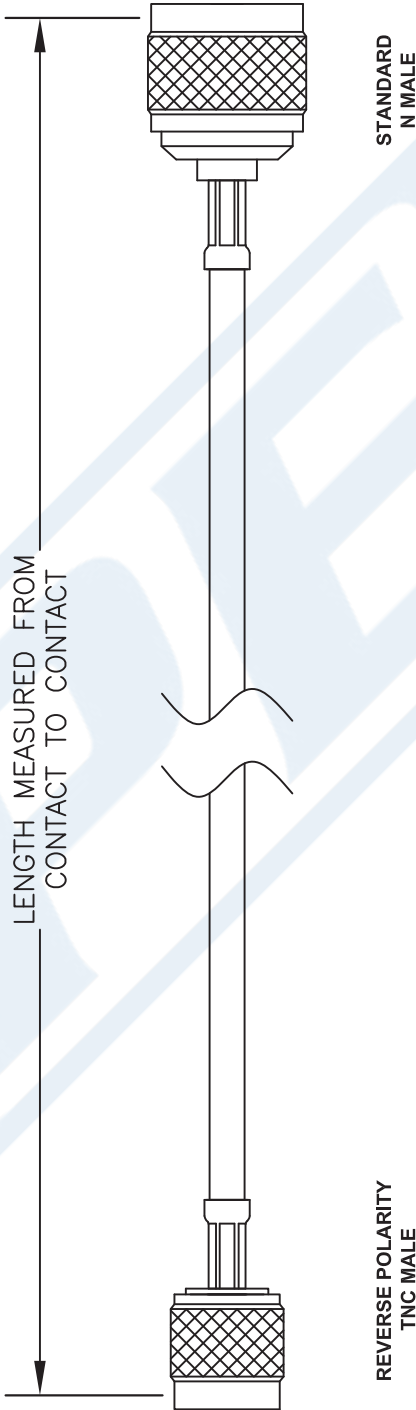
URL: <http://www.pasternack.com/n-male-tnc-male-rg142bu-cable-assembly-pe34573-60-p.aspx>

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.

PE34573-60 CAD Drawing

N Male to Reverse Polarity TNC Male Cable 60 Inch Length Using RG142 Coax

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



- 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.

DWG TITLE  
**PE34573-XX**

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REV. - FSCM NO. 53919

CAD FILE 022307

SCALE N/A

SIZE A

127