



## N Male to N Male Cable 36 Inch Length Using RG8 Coax

## RF Cable Assemblies Technical Data Sheet

PE3570-36

**Configuration**

- Connector 1: N Male
- Connector 2: N Male
- Cable Type: RG8

**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		1,000	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Max.)	0.24	0.25	0.29	0.35	0.44	dB
VSWR (Max.)	1.4:1	1.4:1	1.4:1	1.4:1	1.4:1	
Return Loss (Max.)	15.56	15.563	15.563	15.563	15.563	dB

**Mechanical Specifications****Cable Assembly**

Length	36 in [914.4 mm]
Diameter	0.82 in [20.83 mm]
Weight	0.511 lbs [231.79 g]

**Cable**

Cable Type	RG8
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper
Dielectric Type	PE (LD)
Number of Shields	1
Shield Layer 1	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 N Male Cable 36 Inch Length Using RG8 Coax PE3570-36](#)



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Jacket Material  
Jacket Diameter

PVC (NC), Black  
0.405 in [10.29 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
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
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100 µ in. minimum	100 µ in. minimum
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	100µ in. minimum

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

For RoHS Compliant version, use PE3570LF-36. Contact Pasternack if product cannot be found.  
REACH Compliant 12/19/2011

#### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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#### How to Order

Part Number Configuration:

PE3570

- xx

uu

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

Example: PE3570-12 = 12 inches long cable  
PE3570-100cm = 100 cm long cable

N Male to N Male Cable 36 Inch Length Using RG8 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 N Male Cable 36 Inch Length Using RG8 Coax PE3570-36](#)

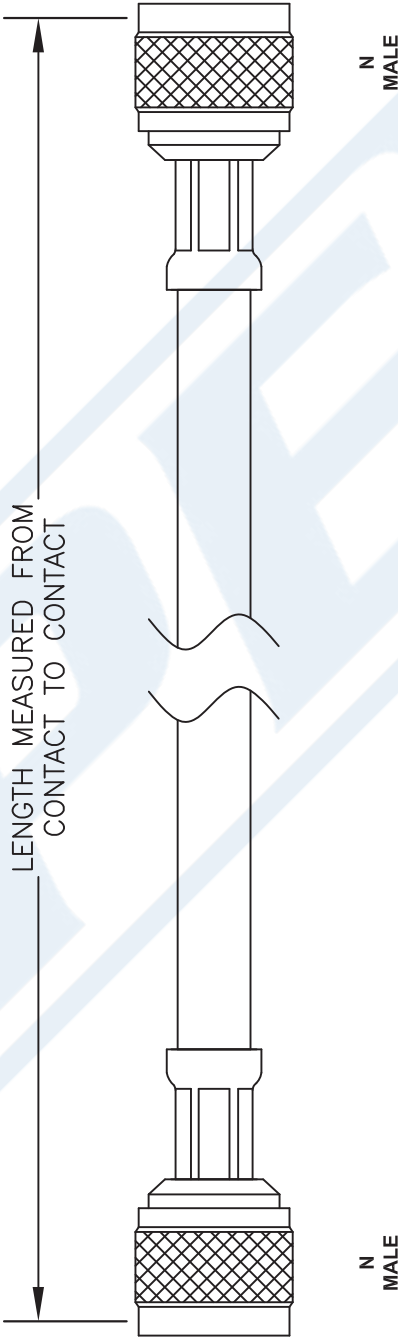
URL: <http://www.pasternack.com/n-male-n-male-rg8au-cable-assembly-pe3570-36-p.aspx>

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.

PE3570-36 CAD Drawing

N Male to N Male Cable 36 Inch Length Using RG8 Coax

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



**PASTERNAK®**  
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DWG TITLE	
REV. -	<b>PE3570-XX</b>
FSCM NO. 53919	

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.							
3919	CAD FILE	020707	SCALE	N/A	SIZE	A	127