

## N Male to N Female Bulkhead Precision Cable 48 Inch Length Using 150 Series Coax, RoHS

### TECHNICAL DATA SHEET

PE35952-48

#### N Male to N Female Bulkhead Precision Cable 48 Inch Length Using 150 Series Coax, RoHS

##### Configuration

Connector 1	N Male
Connector 2	N Female Bulkhead
Cable Type	150 Series

##### Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.4:1
Velocity of Propagation, %	69.5
RF Shielding, dB	90
Maximum Operating Voltage, Vrms	1,900

Electrical Specification Notes: Short lengths up to 24" long may exhibit VSWR measurements up to 9% higher.

##### Mechanical Specifications

###### Cable Assembly

Cable Type	150 Series
------------	------------

###### Temperature

Temperature Operating Range, deg C	-50 to +205
------------------------------------	-------------

###### Size

Length, in [cm]	48 [121.92]
One Time Minimum Bend Radius, in [mm]	1 [25.4]

###### Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.15 [3.81]

###### Connector 1

Type	N Male
Configuration	Straight
Inner Conductor Material and Plating	Gold
Outer Conductor Material and Plating	Passivated Stainless Steel
Coupling Nut Material and Plating	Brass, Nickel
Body Material and Plating	Passivated Stainless Steel

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 Female Bulkhead Precision Cable 48 Inch Length Using 150 Series Coax, RoHS PE35952-48](#)

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.

N Male to N Female Bulkhead Precision Cable  
48 Inch Length Using 150 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35952-48

Dielectric Type

PTFE

**Connector 2**

Type

N Female Bulkhead

Configuration

Straight

Mount Method

Bulkhead

Inner Conductor Material and Plating

Gold

Body Material and Plating

Brass, Nickel

Dielectric Type

PTFE

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

RoHS Compliant

Yes

**Plotted and Other Data**

Notes:

Values at 25 °C, sea level

N Male to N Female Bulkhead Precision Cable 48 Inch Length Using 150 Series Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

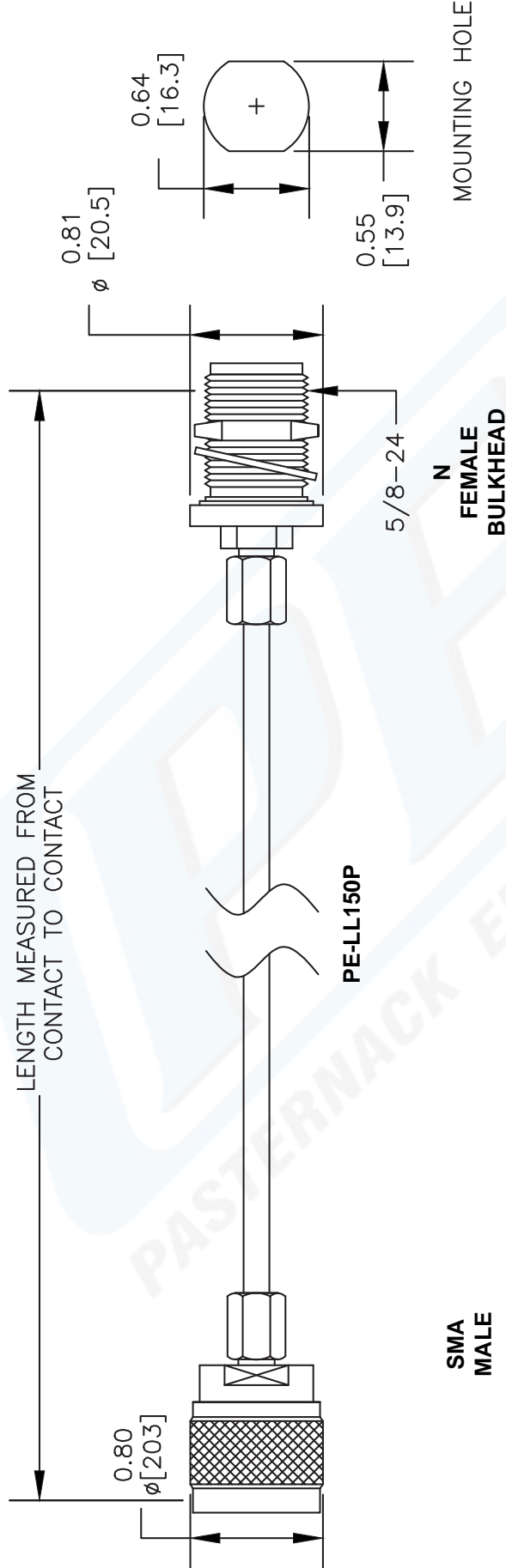
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to N Female Bulkhead Precision Cable 48 Inch Length Using 150 Series Coax, RoHS PE35952-48](http://www.pasternack.com/n-male-n-female-150-series-cable-assembly-pe35952-48-p.aspx)

URL: <http://www.pasternack.com/n-male-n-female-150-series-cable-assembly-pe35952-48-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.

# PE35952-48 CAD Drawing

N Male to N Female Bulkhead Precision Cable 48 Inch  
Length Using 150 Series Coax, RoHS



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration PE3 [ZZ] [YY] - [XX] [UU] 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
Examples PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM		-24	24"	-50CM	50Cm
CM = Centimeters < Blank > = Inches Length		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		-XX	Custom Length	-XXCM	Custom Length

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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE  
**PE35952**

**PE PASTERNAK®**  
 Pasternack Enterprises, Inc.  
 P.O. Box 16759 | Irvine | CA | 92623  
 Phone: (949) 261-1920 | Fax: (949) 261-7451  
 Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919	CAD FILE 030508	SCALE N/A	SIZE A	2233
----------------	-----------------	-----------	--------	------