



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

**TECHNICAL DATA SHEET**

**PE35952-18**

**N Male to N Female Bulkhead Precision Cable 18 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 [mm]                       | 18 [457.2] |
| 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 18 Inch Length Using 150 Series Coax, RoHS PE35952-18](#)

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.



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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 18 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.

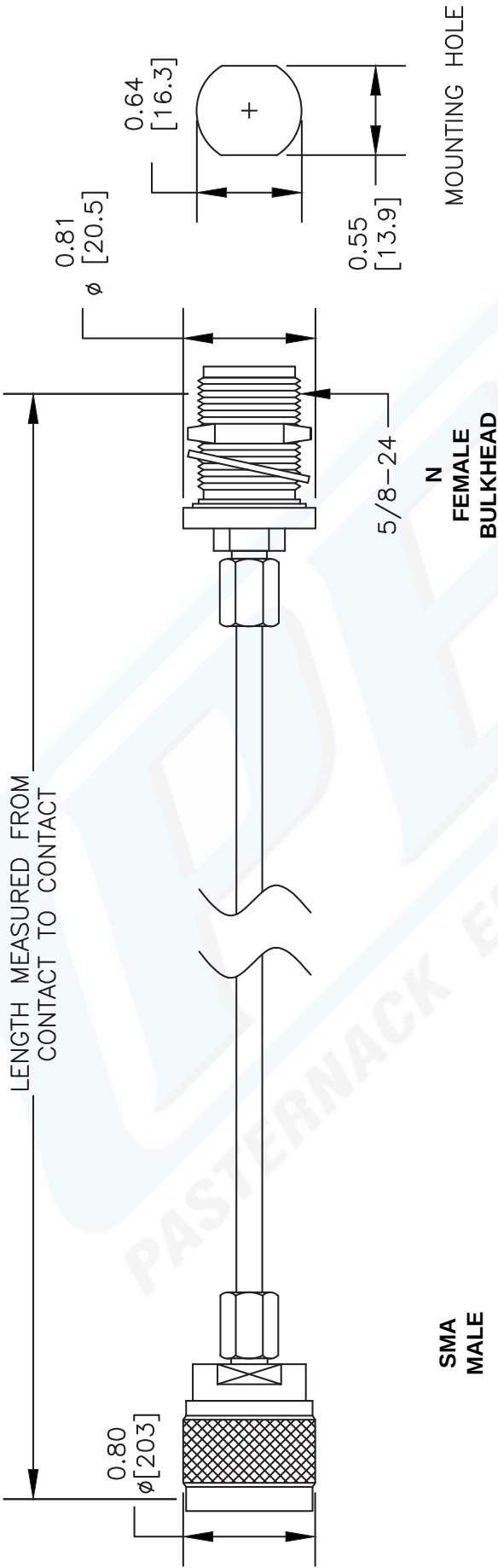
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to N Female Bulkhead Precision Cable 18 Inch Length Using 150 Series Coax, RoHS PE35952-18](http://www.pasternack.com/n-male-n-female-150-series-cable-assembly-pe35952-18-p.aspx)

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PE35952-18 CAD Drawing

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Length Using 150 Series Coax, RoHS



| How To Order                                                                                                                                                                                                                                            |  |                                                                                                                                                                                                       |                  |             |                       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------|-----------------------|
| <div>Part Number Configuration</div> <div>PE3 <div>zzz</div> <div>yy</div> - <div>xx</div> <div>uu</div></div> <div>00 - 99999</div> <div>LF = RoHS Compliant</div> <div>&lt; Blank &gt; = Standard</div> <div>Note: LF applies only to RF cables</div> |  | <div>Examples</div> <div>PE3000LF-100</div> <div>PE3000-100</div> <div>PE3000LF-100CM</div> <div>PE3000-100CM</div> <div>CM = Centimeters</div> <div>&lt; Blank &gt; = Inches</div> <div>Length</div> |                  |             |                       |
|                                                                                                                                                                                                                                                         |  | Part # Ext.                                                                                                                                                                                           | Length In Inches | Part # Ext. | Length In Centimeters |
|                                                                                                                                                                                                                                                         |  | -12                                                                                                                                                                                                   | 12"              | -25CM       | 25Cm                  |
|                                                                                                                                                                                                                                                         |  | -24                                                                                                                                                                                                   | 24"              | -50CM       | 50Cm                  |
|                                                                                                                                                                                                                                                         |  | -36                                                                                                                                                                                                   | 36"              | -75CM       | 75Cm                  |
|                                                                                                                                                                                                                                                         |  | -48                                                                                                                                                                                                   | 48"              | -100CM      | 100Cm                 |
|                                                                                                                                                                                                                                                         |  | -60                                                                                                                                                                                                   | 60"              | -125CM      | 125Cm                 |
|                                                                                                                                                                                                                                                         |  | -xx                                                                                                                                                                                                   | Custom Length    | -xxCM       | Custom Length         |

**PE PASTERNAK®**  
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DWG TITLE  
**PE35952**

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.

FSCM NO. 53919

CAD FILE 030508

SCALE N/A

SIZE A

2233