



## N Male to N Male Right Angle Cable Using LMR-400 Coax

### TECHNICAL DATA SHEET

PE3C0041

#### Configuration

|             |                    |
|-------------|--------------------|
| Connector 1 | N Male             |
| Connector 2 | N Male Right Angle |
| Cable Type  | LMR-400            |

#### Electrical Specifications

|                         |                       |
|-------------------------|-----------------------|
| Frequency Range         | DC to 6 GHz           |
| Impedance               | 50 Ohms               |
| Maximum VSWR            | 1.5:1                 |
| Velocity of Propagation | 85 %                  |
| Group Delay             | 1.2 ns/ft [3.94 ns/m] |
| RF Shielding            | 90 dB                 |

#### Mechanical Specifications

##### Size

|                              |                     |
|------------------------------|---------------------|
| Diameter                     | 0.83 in [21.08 mm]  |
| Weight                       | 0.27 lbs [122.47 g] |
| Cable Color                  | Black               |
| One Time Minimum Bend Radius | 1 in [25.4 mm]      |
| Repeated Minimum Bend Radius | 4 in [101.6 mm]     |

##### Cable

|                       |                      |
|-----------------------|----------------------|
| Cable Type            | LMR-400              |
| Inner Conductor Type  | Solid                |
| Cable Inner Conductor | Copper Clad Aluminum |
| No of Shields         | 2                    |
| Dielectric Type       | PE (F)               |
| Jacket Material       | PE                   |
| Jacket Diameter       | 0.405 in [10.29 mm]  |

##### Connector 1

|                                       |                    |
|---------------------------------------|--------------------|
| Type                                  | N Male             |
| Connector 1 Specification             | MIL-STD-348A       |
| Configuration                         | Straight           |
| Inner Conductor Material and Plating  | Brass, Gold        |
| Inner Conductor Plating Specification | 15µ in. minimum    |
| Coupling Nut Material and Plating     | Brass, Tri-Metal   |
| Hex Size                              | 18 mm              |
| Torque                                | 9 in-lbs [1.02 Nm] |
| Body Material and Plating             | Brass, Tri-Metal   |
| Dielectric Type                       | Teflon             |

##### Connector 2

|                           |                    |
|---------------------------|--------------------|
| Type                      | N Male Right Angle |
| Connector 2 Specification | MIL-STD-348A       |

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 Right Angle Cable Using LMR-400 Coax PE3C0041](#)



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|                                       |                    |
|---------------------------------------|--------------------|
| Configuration                         | Right Angle        |
| Inner Conductor Material and Plating  | Brass, Gold        |
| Inner Conductor Plating Specification | 30µ in. minimum    |
| Coupling Nut Material and Plating     | Brass, Tri-Metal   |
| Hex Size                              | 18 mm              |
| Torque                                | 9 in-lbs [1.02 Nm] |
| Body Material and Plating             | Brass, Tri-Metal   |
| Dielectric Type                       | Teflon             |

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

For RoHS Compliant version, use PE3c0041LF. Contact Pasternack if product cannot be found.

Notes:

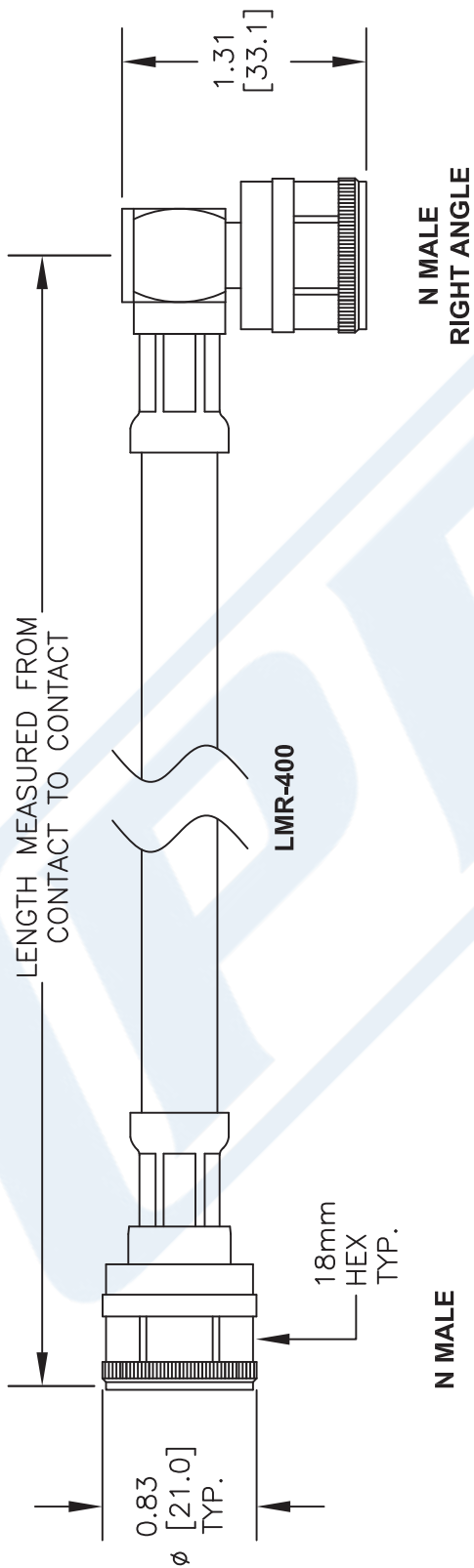
- Values at +25 °C, sea level

N Male to N Male Right Angle Cable Using LMR-400 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 Right Angle Cable Using LMR-400 Coax PE3C0041](http://www.pasternack.com/n-male-n-male-lmr400-cable-assembly-pe3c0041-p.aspx)

URL: <http://www.pasternack.com/n-male-n-male-lmr400-cable-assembly-pe3c0041-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.



| How To Order   |   |             |                  |             |                       |
|--|---|-------------|------------------|-------------|-----------------------|
| <p>Part Number Configuration</p> <p>PE3 <span>zzz</span> <span>yy</span> - <span>xx</span> <span>uu</span></p> <p>00 - 99999</p> <p>LF = RoHS Compliant<br/>&lt; Blank &gt; = Standard</p> <p>Note: LF applies only to RF cables</p> | <p>Examples</p> <p>PE3000LF-100</p> <p>PE3000-100</p> <p>PE3000LF-100CM</p> <p>PE3000-100CM</p> | 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                 |
| Length   |   | -xx         | Custom Length    | -xxCM       | Custom Length         |

**PE PASTERNAK®**  
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DWG TITLE  
**PE3C0041**

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 013113

SCALE N/A

SIZE A

2233