



## N Male to N Male Cable Using LMR-240 Coax

### TECHNICAL DATA SHEET

**PE3C0053**

#### N Male to N Male Cable Using LMR-240 Coax

##### Configuration

|                           |              |
|---------------------------|--------------|
| Connector 1               | N Male       |
| Connector 1 Specification | MIL-STD-348A |
| Connector 2               | N Male       |
| Connector 2 Specification | MIL-STD-348A |
| Cable Type                | LMR-240      |

##### Electrical Specifications

|                 |    |
|-----------------|----|
| Impedance, Ohms | 50 |
|-----------------|----|

##### Mechanical Specifications

###### Cable Assembly

|            |         |
|------------|---------|
| Cable Type | LMR-240 |
|------------|---------|

###### Temperature

|                                       |               |
|---------------------------------------|---------------|
| Temperature Operating Range, deg C    | -40 to +85    |
| Temperature Storage Range, deg C      | -70 to +85    |
| Diameter, in [mm]                     | 0.827 [21.01] |
| Weight, lbs [g]                       | 0.164 [74.39] |
| Cable Color                           | Black         |
| One Time Minimum Bend Radius, in [mm] | 0.75 [19.05]  |
| Repeated Minimum Bend Radius, in [mm] | 2.5 [63.5]    |

###### Cable

|                          |            |
|--------------------------|------------|
| No of Shields            | 2          |
| Dielectric Type          | PE (F)     |
| Jacket Material          | PE         |
| Jacket Diameter, in [mm] | 0.24 [6.1] |

###### Connector 1

|                                       |                  |
|---------------------------------------|------------------|
| Type                                  | N Male           |
| Configuration                         | Straight         |
| Inner Conductor Material and Plating  | Brass, Gold      |
| Inner Conductor Plating Specification | 30µ in. minimum  |
| Body Material and Plating             | Brass, Nickel    |
| Body Plating Specification            | 100µ in. minimum |
| Dielectric Type                       | Teflon           |

###### Connector 2

|               |          |
|---------------|----------|
| Type          | N Male   |
| Configuration | Straight |

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 Using LMR-240 Coax PE3C0053](#)

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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Inner Conductor Material and Plating  
Inner Conductor Plating Specification  
Body Material and Plating  
Body Plating Specification  
Dielectric Type

Brass, Gold  
30μ in. minimum  
Brass, Nickel  
100μ in. minimum  
Teflon

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

#### Plotted and Other Data

Notes:

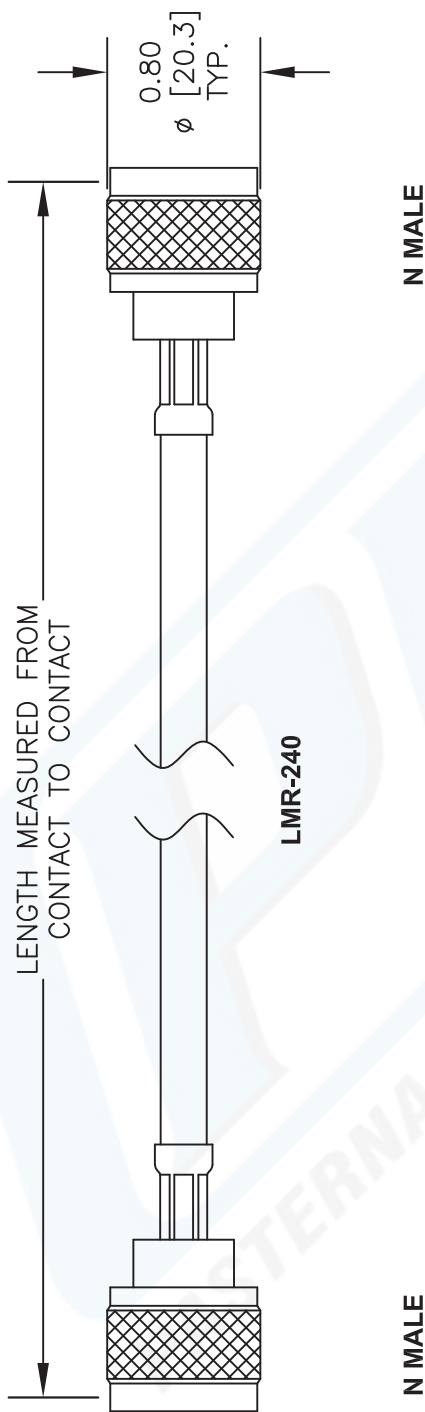
Values at 25 °C, sea level

URL: <http://www.pasternack.com/n-male-n-male-lmr240-cable-assembly-pe3c0053-p.aspx>

N Male to N Male Cable Using LMR-240 Coax 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.

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PE3C0053 CAD Drawing  
N Male to N Male Cable Using LMR-240 Coax



| 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<br/>&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<br/>&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         |

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.

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DWG TITLE  
**PE3C0053**

FSCM NO. 53919

CAD FILE 020513

SCALE N/A

SIZE A

2233