



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	30 $\mu$ 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.

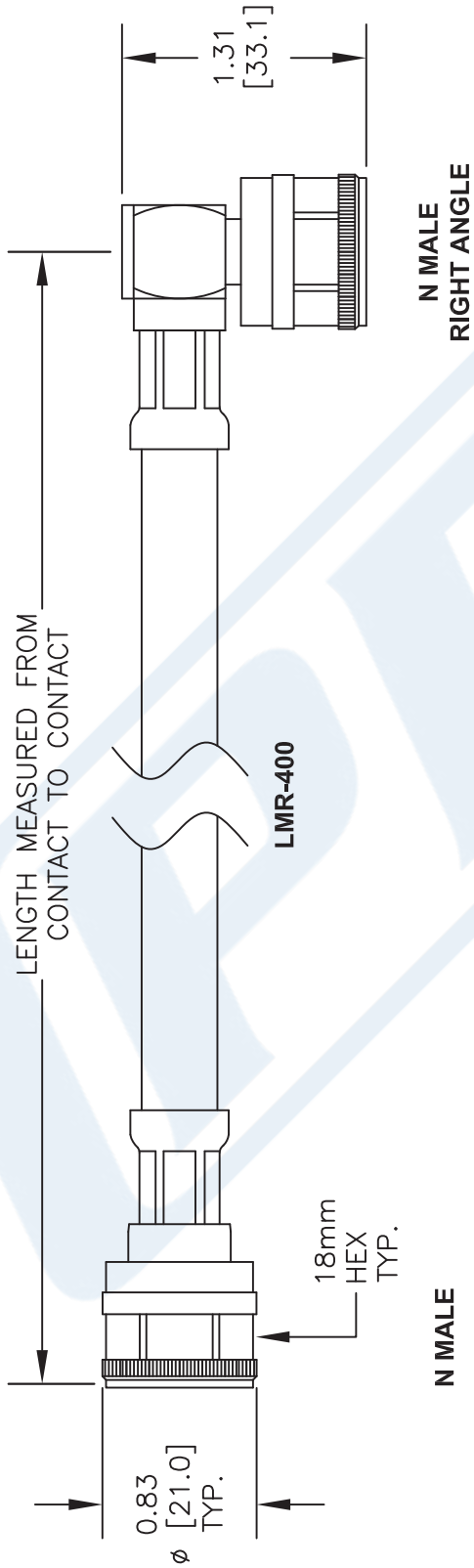
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URL: <http://www.pasternack.com/n-male-n-male-lmr400-cable-assembly-pe3c0041-p.aspx>

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.

# PE3C0041 CAD Drawing

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



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
<b>Part Number Configuration</b> PE3 [zzz] [yy] - [xx] [uu] 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
<b>Examples</b> PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM CM = Centimeters < Blank > = Inches Length		-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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE  
**PE3C0041**

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FSCM NO. 53919      CAD FILE 013113      SCALE N/A      SIZE A      2233