

SMA Male to N Female Cable Using LMR-400 Coax

TECHNICAL DATA SHEET

PE3C1125

Configuration

Connector 1	SMA Male
Connector 2	N Female
Cable Type	LMR-400

Electrical Specifications

Frequency Range	DC to 2.5 GHz
Impedance	50 Ohms
Maximum VSWR	1.25:1
Velocity of Propagation	85 %
Group Delay	1.2 ns/ft [3.94 ns/m]
RF Shielding	90 dB
Maximum Operating Voltage	375 Vrms

Mechanical Specifications

Size

Diameter	0.67 in [17.02 mm]
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	SMA Male
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Gold
Coupling Nut Material and Plating	Stainless Steel
Hex Size	5/16 inch
Body Material and Plating	Brass, Nickel
Dielectric Type	Teflon

Connector 2

Type	N Female
Configuration	Straight
Inner Conductor Material and Plating	Phosphor Bronze, Gold
Body Material and Plating	Brass, Tri-Metal
Dielectric Type	Teflon

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to N Female Cable Using LMR-400 Coax PE3C1125](#)

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Compliance Certifications (visit www.Pasternack.com for current document)

For RoHS Compliant version, use PE3c1125LF. Contact Pasternack if product cannot be found.

Notes:

- Values at +25 °C, sea level

SMA Male to N Female 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.

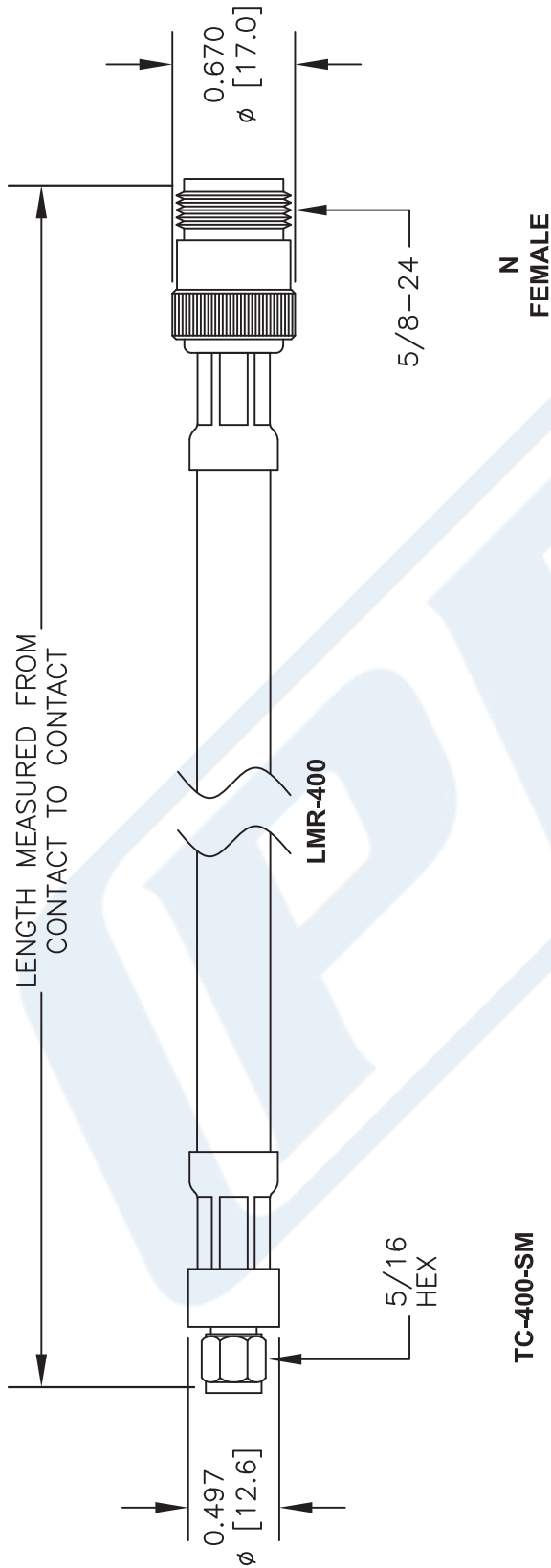
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URL: <http://www.pasternack.com/sma-male-n-female-lmr400-cable-assembly-pe3c1125-p.aspx>

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.

PE3C1125 CAD Drawing

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How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration PE3 [zzz] [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
< Blank > = 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
PE3C1125

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FSCM NO. 53919
 CAD FILE 072814
 SCALE N/A
 SIZE A
 2233