



N Male to N Male High Performance Test Cable 18 Ghz Using PE-P141 Coax, RoHS

TECHNICAL DATA SHEET

PE352

N Male to N Male High Performance Test Cable 18 Ghz Using PE-P141 Coax, RoHS

Configuration

Connector 1	N Male
Connector 2	N Male
Cable Type	PE-P141

Electrical Specifications

Frequency Range, GHz	DC to 18
Impedance, Ohms	50
Maximum VSWR	1.35:1
Maximum Insertion Loss	0.86 dB/ft [2.82 dB/m]
Velocity of Propagation, %	70
RF Shielding, dB	110
Maximum Input Power, Watts	550

Typical Performance by Frequency

Frequency 1

Frequency, GHz	6
Insertion Loss	0.4 dB/ft [1.31 dB/m]

Frequency 2

Frequency, GHz	12
Insertion Loss	0.6 dB/ft [1.97 dB/m]

Frequency 3

Frequency, GHz	18
VSWR	1.22:1
Insertion Loss	0.75 dB/ft [2.46 dB/m]

Electrical Specification Notes:

Short lengths up to 12" long may exhibit VSWR measurements up to 9% higher.

Mechanical Specifications

Cable Assembly

Cable Type	PE-P141
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Temperature

Temperature Operating Range, deg C	-55 to +125
Diameter, in [mm]	0.163 [4.14]
Weight, lbs [g]	0.028 [12.7]
Cable Color	Blue

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 High Performance Test Cable 18 Ghz Using PE-P141 Coax, RoHS PE352](#)

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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Cable

Center Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	2
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter, in [mm]	0.163 [4.14]

Connector 1

Type	N Male
Configuration	Straight

Connector 2

Type	N Male
Configuration	Straight

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

RoHS Compliant	Yes
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Plotted and Other Data

Notes:	Values at 25 °C, sea level
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N Male to N Male High Performance Test Cable 18 Ghz Using PE-P141 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.

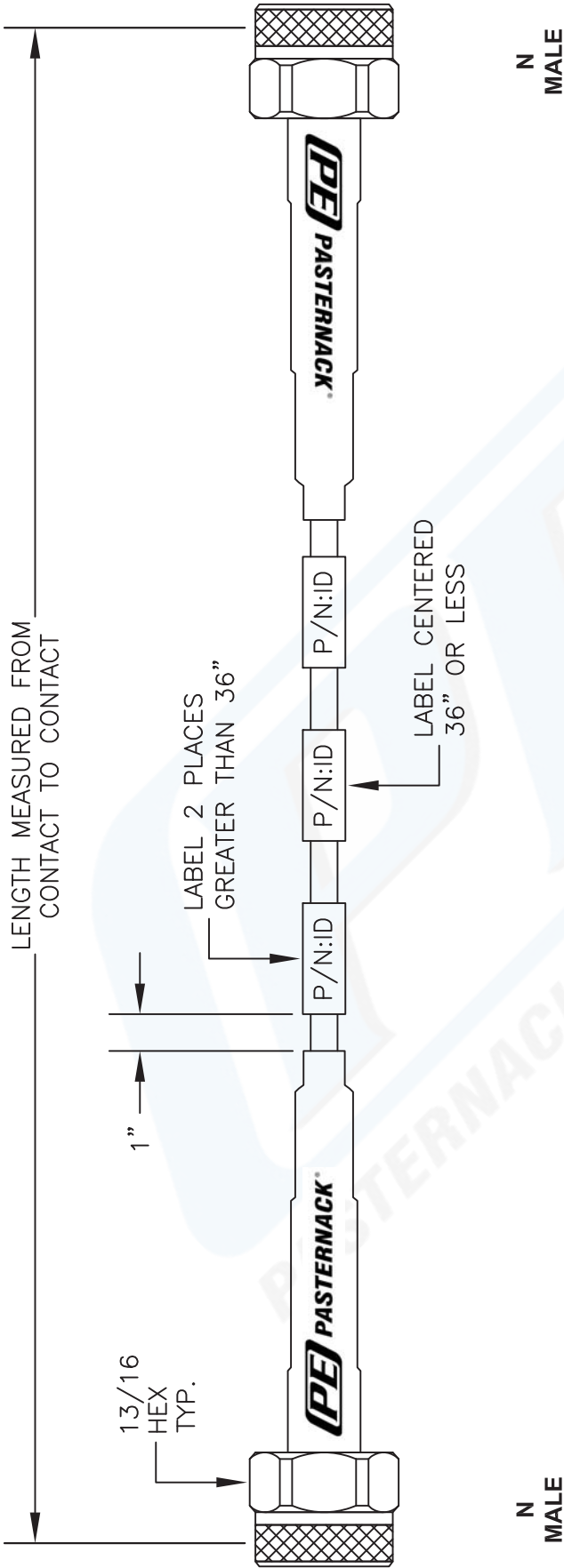
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PE352 CAD Drawing

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How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration		Examples			
PE3 [zzz] [yy] - [xx] [uu]		-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
00 - 99999					
LF = RoHS Compliant					
< Blank > = Standard					
Note: LF applies only to RF cables					
_____ Length		-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.

DWG TITLE
PE352

PASTERNACK
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com

FSCM NO. 53919

SCALE N/A

SIZE A

2233