



## N Male to N Male High Performance Test Cable 18 Ghz 12 Inch Length Using PE-P141 Coax, RoHS

### TECHNICAL DATA SHEET

PE352-12

#### N Male to N Male High Performance Test Cable 18 Ghz 12 Inch Length 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
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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 12 Inch Length Using PE-P141 Coax, RoHS PE352-12](#)

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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#### Size

Length, in [mm]	12 [304.8]
Diameter, in [mm]	0.163 [4.14]
Weight, lbs [g]	0.028 [12.7]
Cable Color	Blue

#### 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](http://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 12 Inch Length 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.

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 12 Inch Length Using PE-P141 Coax, RoHS PE352-12](http://www.pasternack.com/n-male-n-male-pe-p141-cable-assembly-pe352-12-p.aspx)

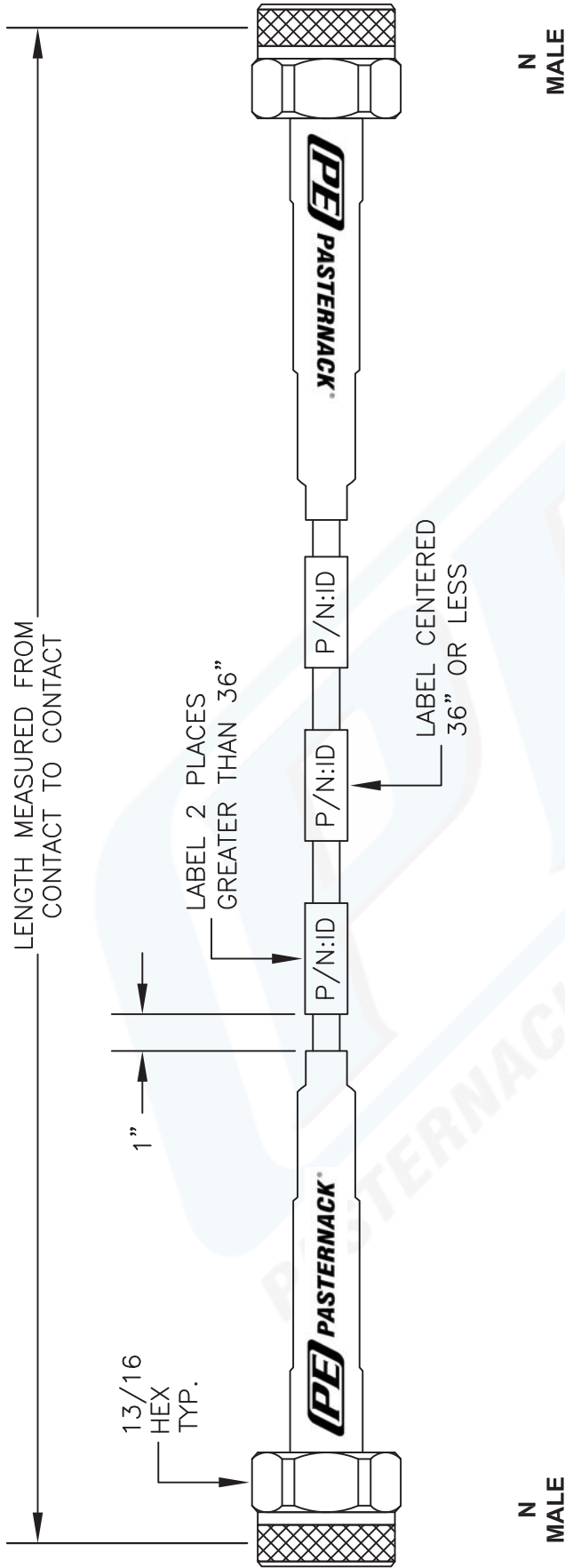
URL: <http://www.pasternack.com/n-male-n-male-pe-p141-cable-assembly-pe352-12-p.aspx>

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# PE352-12 CAD Drawing

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



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration	Examples	-12	12"	-25CM	25Cm
PE3 [zzz] [yy] - [xx] [uu]	PE3000LF-100	-24	24"	-50CM	50Cm
00 - 99999	PE3000-100	-36	36"	-75CM	75Cm
LF = RoHS Compliant	PE3000LF-100CM	-48	48"	-100CM	100Cm
< Blank > = Standard	PE3000-100CM	-60	60"	-125CM	125Cm
Note: LF applies only to RF cables		-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  
**PE352**

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SCALE N/A

SIZE A

2233