



SMA Male to N Male High Performance Test Cable
18 Ghz 150 cm Length Using PE-P141 Coax, RoHS

TECHNICAL DATA SHEET

PE354-150CM

SMA Male to N Male High Performance Test Cable 18 Ghz 150 cm Length Using PE-P141 Coax, RoHS

Configuration

Connector 1	SMA 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: [SMA Male to N Male High Performance Test Cable 18 Ghz 150 cm Length Using PE-P141 Coax, RoHS PE354-150CM](#)

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 [cm]	59.055 [150]
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	SMA 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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SMA Male to N Male High Performance Test Cable 18 Ghz 150 cm 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.

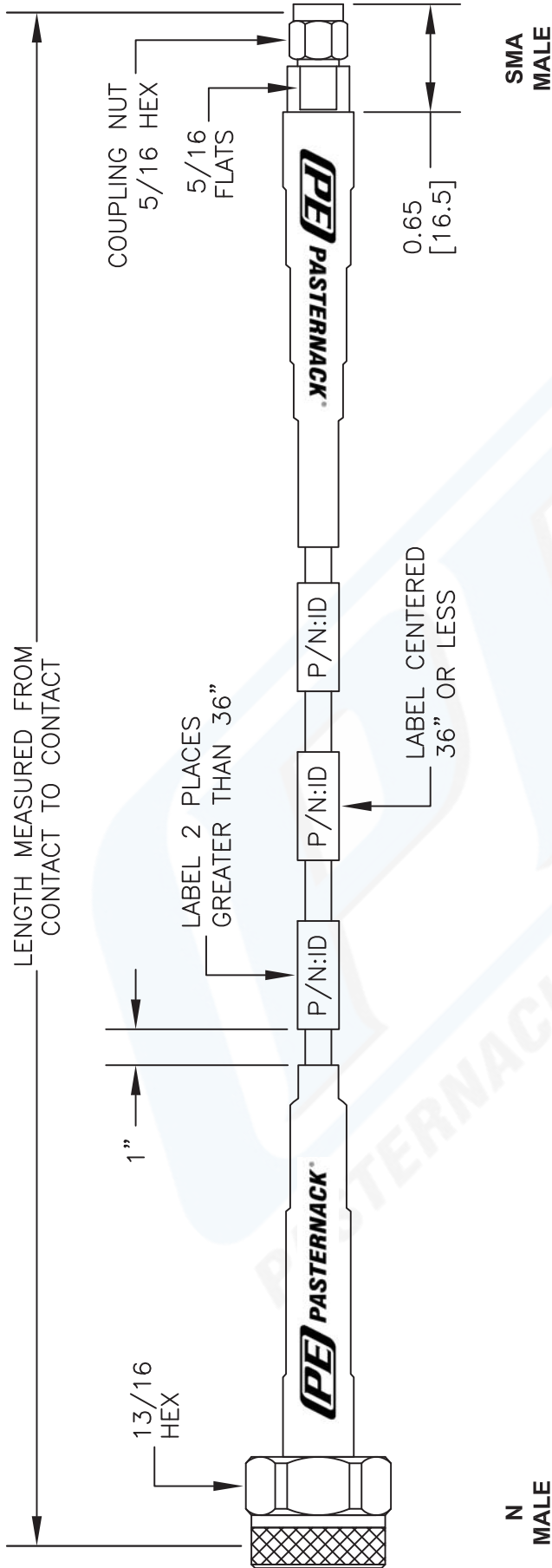
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PE354-150CM CAD Drawing

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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



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- 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
PE354

FSCM NO. 53919

CAD FILE 032513-A

SCALE N/A

SIZE A

2233