



## SMA Male to SMA Male High Performance Test Cable 26 Ghz 150 cm Length Using PE-P141 Coax, RoHS

### TECHNICAL DATA SHEET

PE350-150CM

#### SMA Male to SMA Male High Performance Test Cable 26 Ghz 150 cm Length Using PE-P141 Coax, RoHS

##### Configuration

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

##### Electrical Specifications

Frequency Range, GHz	DC to 26.5
Impedance, Ohms	50
Maximum VSWR	1.45:1
Maximum Insertion Loss	1 dB/ft [ 3.28 dB/m ]
Velocity of Propagation, %	70
RF Shielding, dB	110
Maximum Input Power, Watts	550

##### Typical Performance by Frequency

###### Frequency 1

Frequency, GHz	6
VSWR	1.15:1
Insertion Loss	0.4 dB/ft [ 1.31 dB/m ]

###### Frequency 2

Frequency, GHz	12
VSWR	1.2:1
Insertion Loss	0.6 dB/ft [ 1.97 dB/m ]

###### Frequency 3

Frequency, GHz	18
VSWR	1.25:1
Insertion Loss	0.75 dB/ft [ 2.46 dB/m ]

###### Frequency 4

Frequency, GHz	26.5
VSWR	1.3:1
Insertion Loss	1 dB/ft [ 3.28 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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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 SMA Male High Performance Test Cable 26 Ghz 150 cm Length Using PE-P141 Coax, RoHS PE350-150CM](#)

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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#### Temperature

Temperature Operating Range, deg C -55 to +125

#### 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 SMA Male  
 Configuration Straight

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

RoHS Compliant Yes

#### Plotted and Other Data

Notes: Values at 25 °C, sea level

SMA Male to SMA Male High Performance Test Cable 26 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.

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 SMA Male High Performance Test Cable 26 Ghz 150 cm Length Using PE-P141 Coax, RoHS PE350-150CM](http://www.pasternack.com/sma-male-sma-male-pe-p141-cable-assembly-pe350-150cm-p.aspx)

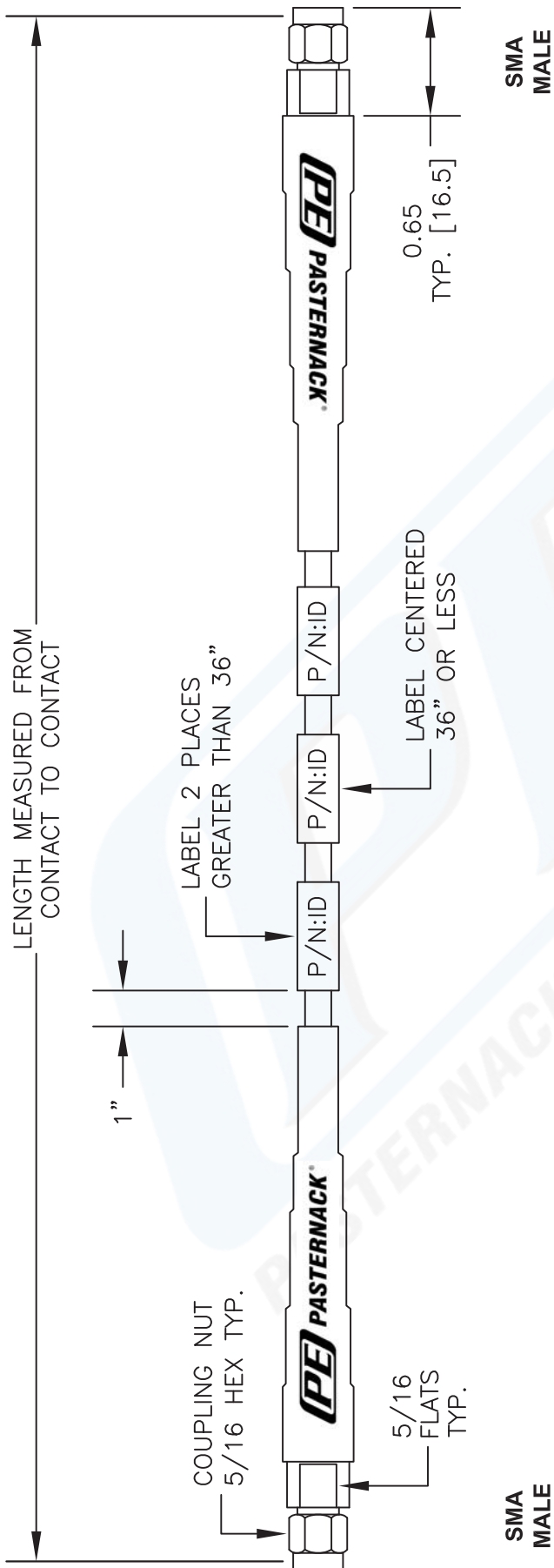
URL: <http://www.pasternack.com/sma-male-sma-male-pe-p141-cable-assembly-pe350-150cm-p.aspx>

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# PE350-150CM CAD Drawing

SMA Male to SMA Male High Performance Test Cable 26 Ghz  
150 cm Length Using PE-P141 Coax, RoHS



How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration		-12	12"	-25CM	25cm
PE3	zzz yy - xx uu	-24	24"	-50CM	50cm
00 - 99999	LF = Lead Free < Blank > = Standard	-36	36"	-75CM	75cm
	CM = Centimeters < Blank > = Inches	-48	48"	-100CM	100cm
	Note: LF applies only to RF cables	-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  
**PE350**

**PE PASTERNAK**  
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

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