



SMA Male to SMA Male High Performance Test Cable 26 Ghz 48 Inch Length Using PE-P141 Coax, RoHS

TECHNICAL DATA SHEET

PE350-48

SMA Male to SMA Male High Performance Test Cable 26 Ghz 48 Inch 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 48 Inch Length Using PE-P141 Coax, RoHS PE350-48](#)

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] 48 [121.92]
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 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 48 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: [SMA Male to SMA Male High Performance Test Cable 26 Ghz 48 Inch Length Using PE-P141 Coax, RoHS PE350-48](http://www.pasternack.com/sma-male-sma-male-pe-p141-cable-assembly-pe350-48-p.aspx)

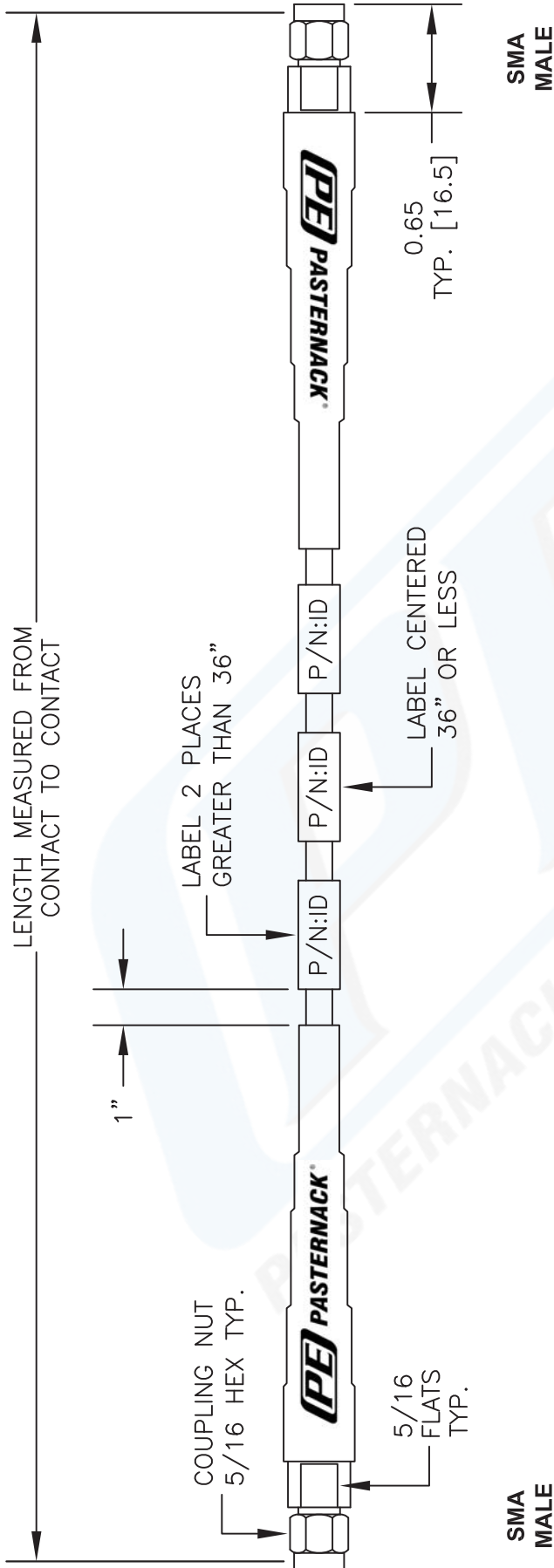
URL: <http://www.pasternack.com/sma-male-sma-male-pe-p141-cable-assembly-pe350-48-p.aspx>

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PE350-48 CAD Drawing

SMA Male to SMA Male High Performance Test Cable 26 Ghz
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Part Number Configuration		How To Order	
PE3	zzz yy - xx uu	Part # Ext.	Length In Inches
00 - 99999	LF = Lead Free < Blank > = Standard Note: LF applies only to RF cables	-12	12"
		-24	24"
		-36	36"
		-48	48"
		-60	60"
		-xx	Custom Length
			Length In Centimeters
		-25CM	25Cm
		-50CM	50Cm
		-75CM	75Cm
		-100CM	100Cm
		-125CM	125Cm
		-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
PE350

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