



SMA Male to SMA Male Right Angle Low Loss
Cable Using PE-P141 Coax, RoHS

TECHNICAL DATA SHEET

PE351

Configuration

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

Electrical Specifications

Frequency Range	DC to 18 GHz
Impedance	50 Ohms
Maximum VSWR	1.4:1
Maximum Insertion Loss	1 dB/ft [3.28 dB/m]
Velocity of Propagation	70 %
RF Shielding	110 dB

Typical Performance by Frequency

Frequency 1

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

Frequency 2

Frequency	12 GHz
VSWR	1.3:1
Insertion Loss	0.6 dB/ft [1.97 dB/m]

Frequency 3

Frequency	18 GHz
VSWR	1.4:1
Insertion Loss	0.75 dB/ft [2.46 dB/m]

Mechanical Specifications

Temperature

Temperature Operating Range	-55 to +200 deg C
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Size

Diameter	0.74 in [18.8 mm]
Cable Color	Blue
One Time Minimum Bend Radius	0.8 in [20.32 mm]

Cable

Cable Type	PE-P141
Inner Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	2
Cable Outer Conductor	Copper, Silver
Dielectric Type	PTFE
Jacket Material	FEP

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 Right Angle Low Loss Cable Using PE-P141 Coax, RoHS PE351](#)



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Jacket Diameter

0.163 in [4.14 mm]

Connector 1

Type

SMA Male

Configuration

Straight

Inner Conductor Material and Plating

Beryllium Copper, Gold

Coupling Nut Material and Plating

Passivated Stainless Steel

Hex Size

5/16 inch

Torque

8 in-lbs [0.9 Nm]

Body Material and Plating

Passivated Stainless Steel

Dielectric Type

PTFE

Connector 2

Type

SMA Male Right Angle

Configuration

Right Angle

Inner Conductor Material and Plating

Beryllium Copper, Gold

Coupling Nut Material and Plating

Passivated Stainless Steel

Hex Size

5/16 inch

Torque

8 in-lbs [0.9 Nm]

Body Material and Plating

Passivated Stainless Steel

Dielectric Type

PTFE

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

RoHS Compliant

Yes

Notes:

- Values at +25 °C, sea level

SMA Male to SMA Male Right Angle Low Loss Cable Using PE-P141 Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

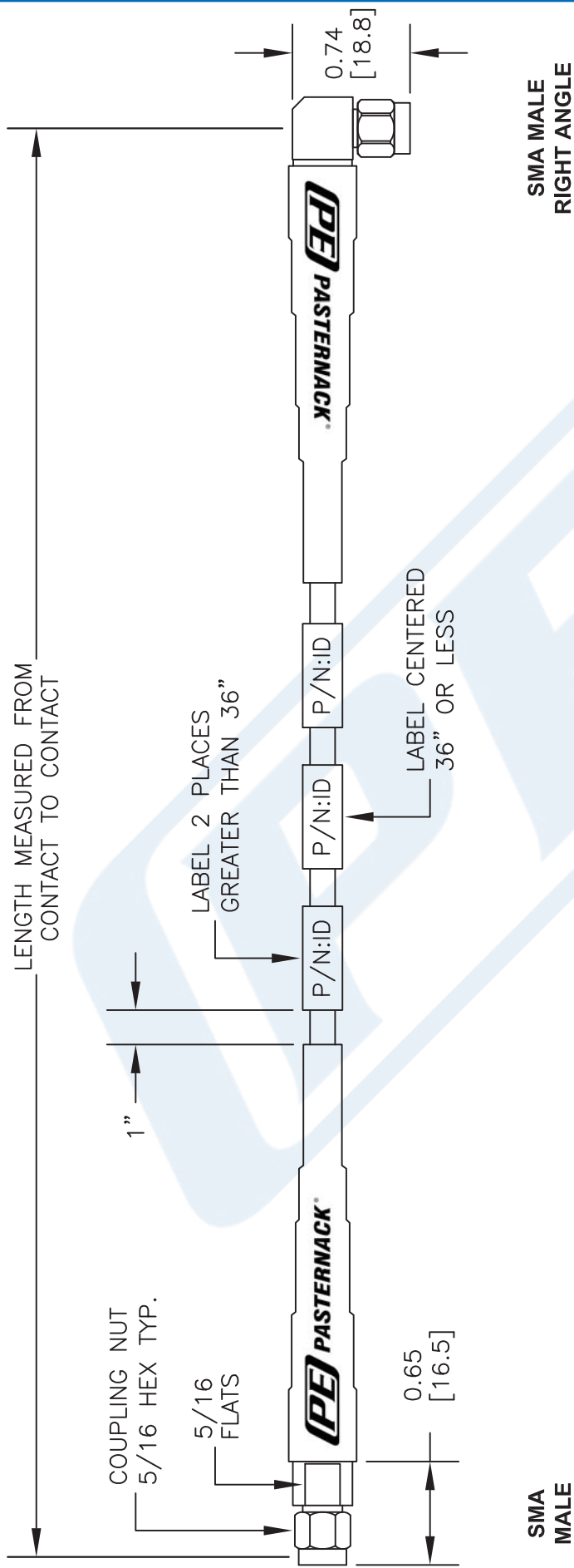
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE351 CAD Drawing

SMA Male to SMA Male Right Angle Low Loss Cable Using PE-P141 Coax, RoHS



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					

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DWG TITLE
PE351

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.

CAD FILE	041814	SCALE	N/A	SIZE	A	2233
FSCM NO.		53919				