



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

TECHNICAL DATA SHEET

PE351-60

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 |
| Velocity of Propagation | 70 % |
| RF Shielding | 110 dB |

Typical Performance by Frequency

Frequency 1

| | |
|-----------------|--------|
| Frequency | 6 GHz |
| VSWR | 1.15:1 |
| Insertion Loss, | 2 dB |

Frequency 2

| | |
|----------------|--------|
| Frequency | 12 GHz |
| VSWR | 1.3:1 |
| Insertion Loss | 3 dB |

Frequency 3

| | |
|----------------|---------|
| Frequency | 18 GHz |
| VSWR | 1.4:1 |
| Insertion Loss | 3.75 dB |

Mechanical Specifications

Temperature

| | |
|-----------------------------|-------------------|
| Temperature Operating Range | -55 to +200 deg C |
|-----------------------------|-------------------|

Size

| | |
|------------------------------|-------------------|
| Length | 60 in [152.4 cm] |
| 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 |

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 60 Inch Length Using PE-P141 Coax, RoHS PE351-60](#)





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| | |
|--------------------------------------|----------------------------|
| Jacket Material | FEP |
| 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 60 Inch Length 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.

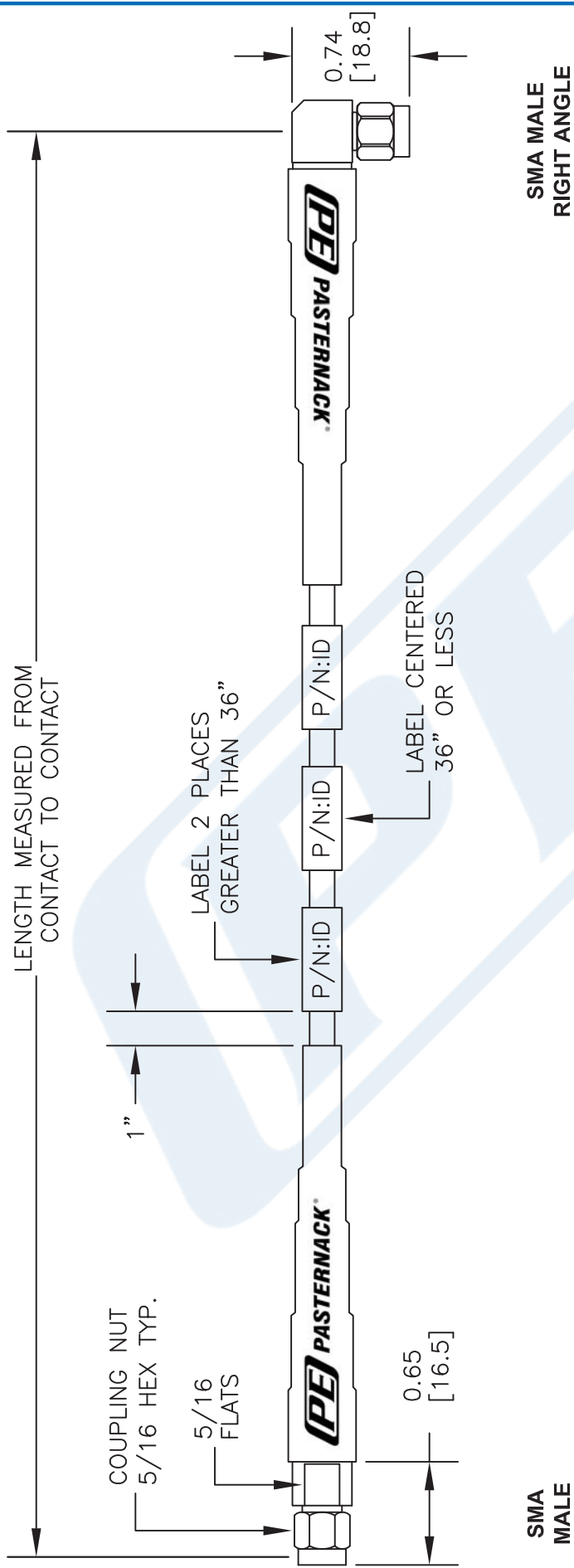
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SMA Male Right Angle Low Loss Cable 60 Inch Length Using PE-P141 Coax, RoHS PE351-60](http://www.pasternack.com/sma-male-sma-male-pe-p141-cable-assembly-pe351-60-p.aspx)

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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.

PE351-60 CAD Drawing

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



SMA
MALE

SMA MALE
RIGHT ANGLE

| 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 = RoHS Compliant < Blank > = Standard | -36 | 36" | -75CM | 75Cm |
| | Note: LF applies only to RF cables | -48 | 48" | -100CM | 100Cm |
| | | -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
PE351

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