



SMA Male Right Angle to SMA Male Right Angle Precision Cable 6 Inch Length Using 165 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35424-6

SMA Male Right Angle to SMA Male Right Angle Precision Cable 6 Inch Length Using 165 Series Coax, RoHS

Configuration

| | |
|-------------|----------------------|
| Connector 1 | SMA Male Right Angle |
| Connector 2 | SMA Male Right Angle |
| Cable Type | 165 Series |

Electrical Specifications

| | |
|---------------------------------|----------|
| Frequency Range, GHz | DC to 26 |
| Impedance, Ohms | 50 |
| Maximum VSWR | 1.4:1 |
| Velocity of Propagation, % | 69.5 |
| RF Shielding, dB | 90 |
| Maximum Operating Voltage, Vrms | 1,900 |

Electrical Specification Notes: Short lengths up to 24" long may exhibit VSWR measurements up to 9% higher.

Mechanical Specifications

Cable Assembly

| | |
|------------|------------|
| Cable Type | 165 Series |
|------------|------------|

Temperature

| | |
|------------------------------------|-------------|
| Temperature Operating Range, deg C | -50 to +205 |
|------------------------------------|-------------|

Size

| | |
|---------------------------------------|-----------|
| Length, in [mm] | 6 [152.4] |
| One Time Minimum Bend Radius, in [mm] | 1 [25.4] |

Cable

| | |
|--------------------------|--------------------------|
| Center Conductor Type | Solid |
| Cable Inner Conductor | Beryllium Copper, Silver |
| No of Shields | 3 |
| Dielectric Type | PTFE |
| Jacket Material | FEP |
| Jacket Diameter, in [mm] | 0.165 [4.19] |

Connector 1

| | |
|--------------------------------------|----------------------------|
| Type | SMA Male Right Angle |
| Configuration | Right Angle |
| Inner Conductor Material and Plating | Beryllium Copper, Silver |
| Coupling Nut Material and Plating | Passivated Stainless Steel |
| Hex Size, in. | 5/16 |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to SMA Male Right Angle Precision Cable 6 Inch Length Using 165 Series Coax, RoHS PE35424-6](#)

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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| | |
|---------------------------|----------------------------|
| Torque, in-lbs [Nm] | 8 [0.9] |
| 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, Silver |
| Coupling Nut Material and Plating | Passivated Stainless Steel |
| Hex Size, in. | 5/16 |
| Torque, in-lbs [Nm] | 8 [0.9] |
| Body Material and Plating | Passivated Stainless Steel |
| Dielectric Type | PTFE |

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 Right Angle to SMA Male Right Angle Precision Cable 6 Inch Length Using 165 Series 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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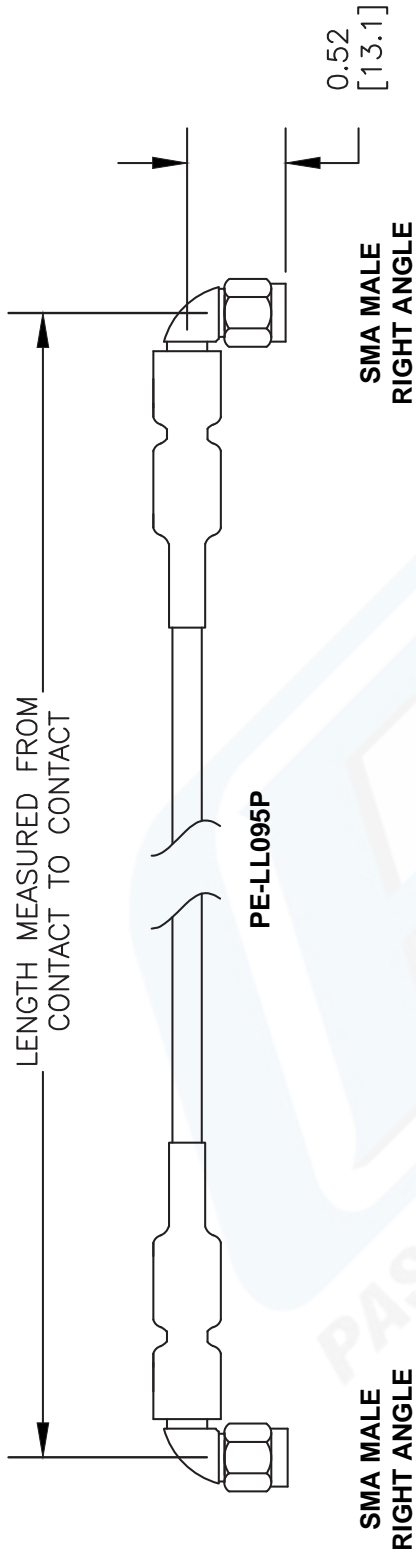
URL: <http://www.pasternack.com/sma-male-sma-male-165-non-magnetic-series-cable-assembly-pe35424-6-p.asp>

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PE35424-6 CAD Drawing

SMA Male Right Angle to SMA Male Right Angle Precision
Cable 6 Inch Length Using 165 Series Coax, RoHS



| How To Order | | Part # Ext. | Length In Inches | Part # Ext. | Length In Centimeters |
|---|--|-------------|------------------|-------------|-----------------------|
| Part Number Configuration PE3 <input type="text" value="zzz"/> <input type="text" value="yy"/> - <input type="text" value="xx"/> <input type="text" value="uu"/> 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables | | -12 | 12" | -25CM | 25Cm |
| Examples PE3000L F-100 PE3000-100 PE3000L F-100CM PE3000-100CM | | -24 | 24" | -50CM | 50Cm |
| CM = Centimeters < Blank > = Inches Length | | -36 | 36" | -75CM | 75Cm |
| | | -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
PE35424

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|----------------|-----------------|-----------|--------|------|
| FSCM NO. 53919 | CAD FILE 012108 | SCALE N/A | SIZE A | 2233 |
|----------------|-----------------|-----------|--------|------|