



## SMA Male Right Angle to SMA Female Bulkhead Precision Cable Using 150 Series Coax, RoHS

### TECHNICAL DATA SHEET

**PE35421**

#### SMA Male Right Angle to SMA Female Bulkhead Precision Cable Using 150 Series Coax, RoHS

##### Configuration

|             |                      |
|-------------|----------------------|
| Connector 1 | SMA Male Right Angle |
| Connector 2 | SMA Female Bulkhead  |
| Cable Type  | 150 Series           |

##### Electrical Specifications

|                                 |            |
|---------------------------------|------------|
| Frequency Range, GHz            | DC to 26.5 |
| 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 | 150 Series |
|------------|------------|

###### Temperature

|                                       |             |
|---------------------------------------|-------------|
| Temperature Operating Range, deg C    | -50 to +205 |
| One Time Minimum Bend Radius, in [mm] | 1 [25.4]    |

###### Cable

|                          |                           |
|--------------------------|---------------------------|
| Center Conductor Type    | Solid                     |
| Cable Inner Conductor    | Copper Clad Steel, Silver |
| No of Shields            | 1                         |
| Dielectric Type          | PTFE                      |
| Jacket Material          | FEP                       |
| Jacket Diameter, in [mm] | 0.15 [3.81]               |

###### Connector 1

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | SMA Male Right Angle       |
| Configuration                        | Right Angle                |
| Inner Conductor Material and Plating | Copper Clad Steel, 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                       |

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 Female Bulkhead Precision Cable Using 150 Series Coax, RoHS PE35421](#)

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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**Connector 2**

|                                      |                            |
|--------------------------------------|----------------------------|
| Type                                 | SMA Female Bulkhead        |
| Configuration                        | Straight                   |
| Mount Method                         | Bulkhead                   |
| Inner Conductor Material and Plating | Beryllium Copper, Gold     |
| Body Material and Plating            | Passivated Stainless Steel |
| Dielectric Type                      | PTFE                       |

**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 Right Angle to SMA Female Bulkhead Precision Cable Using 150 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.

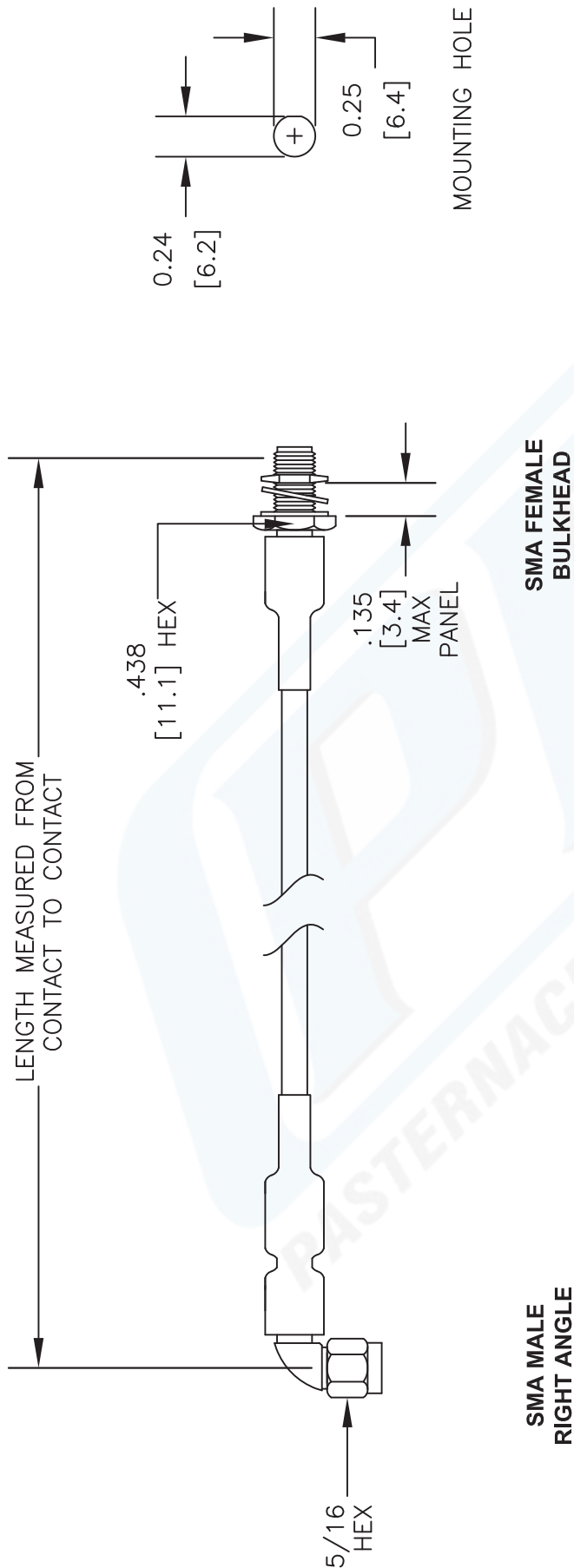
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# PE35421 CAD Drawing

SMA Male Right Angle to SMA Female Bulkhead Precision Cable Using 150 Series Coax, RoHS



SMA MALE  
RIGHT ANGLE

SMA FEMALE  
BULKHEAD

| How To Order                       |     |                     |       | Part # Ext. | Length In Inches | Part # Ext. | Length In Centimeters |
|------------------------------------|-----|---------------------|-------|-------------|------------------|-------------|-----------------------|
| Part Number Configuration          |     | Examples            |       | -12         | 12"              | -25CM       | 25Cm                  |
| PE3                                | zzz | yy                  | xx uu | -24         | 24"              | -50CM       | 50Cm                  |
| 00 - 99999                         |     | LF = RoHS Compliant |       | -36         | 36"              | -75CM       | 75Cm                  |
| < Blank > = Standard               |     | CM = Centimeters    |       | -48         | 48"              | -100CM      | 100Cm                 |
| Note: LF applies only to RF cables |     | < Blank > = Inches  |       | -60         | 60"              | -125CM      | 125Cm                 |
|                                    |     | Length              |       | -xx         | Custom Length    | -xxCM       | Custom Length         |

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DWG TITLE

**PE35421**

REV. A      FSCM NO. 53919

NOTES:

- UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
- ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
- DIMENSIONS ARE IN INCHES [mm].
- LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

CAD FILE      030308-A      SCALE N/A      SIZE A      2233