



## SMA Male Right Angle to SMA Male Right Angle Precision Cable 72 Inch Length Using 150 Series Coax, RoHS

### TECHNICAL DATA SHEET

PE35422-72

#### SMA Male Right Angle to SMA Male Right Angle Precision Cable 72 Inch Length Using 150 Series Coax, RoHS

##### Configuration

|             |                      |
|-------------|----------------------|
| Connector 1 | SMA Male Right Angle |
| Connector 2 | SMA Male Right Angle |
| 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 |
|------------------------------------|-------------|

###### Size

|                                       |             |
|---------------------------------------|-------------|
| Length, in [cm]                       | 72 [182.88] |
| 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                       |

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 72 Inch Length Using 150 Series Coax, RoHS PE35422-72](#)

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 | 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                       |

**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 |
|--------|----------------------------|

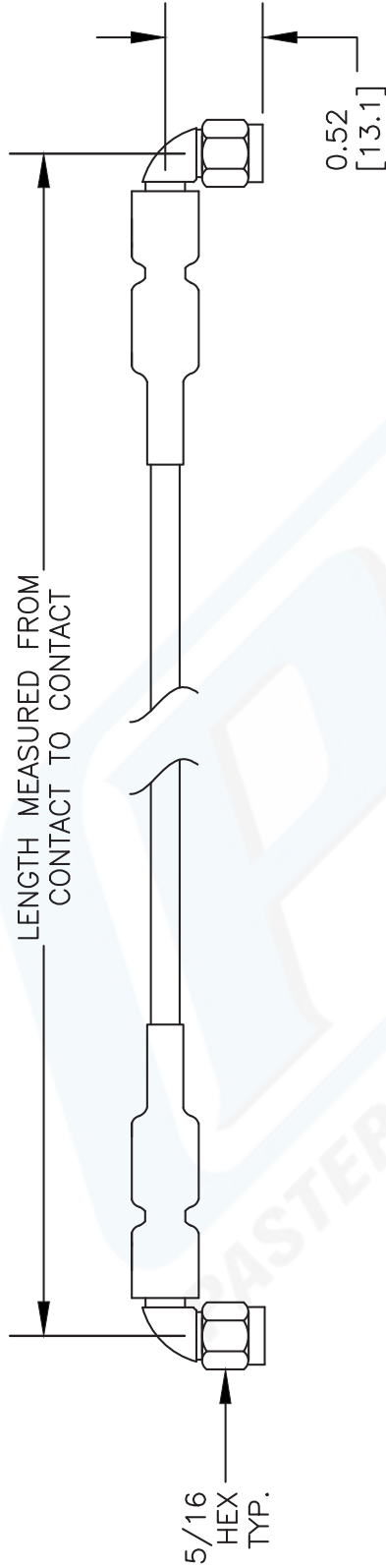
SMA Male Right Angle to SMA Male Right Angle Precision Cable 72 Inch Length Using 150 Series Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection in the industry.

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 72 Inch Length Using 150 Series Coax, RoHS PE35422-72](http://www.pasternack.com/sma-male-sma-male-150-series-cable-assembly-pe35422-72-p.aspx)

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**PE35422-72 CAD Drawing**  
 SMA Male Right Angle to SMA Male Right Angle Precision  
 Cable 72 Inch Length Using 150 Series Coax, RoHS



**SMA MALE  
RIGHT ANGLE**

**SMA MALE  
RIGHT ANGLE**

| Part Number Configuration          |                        | How To Order |               |
|------------------------------------|------------------------|--------------|---------------|
| PE3                                | ZZZ   YY   -   xx   uu | Part #       | Ext.          |
| 00 - 99999                         |                        | -12          | 12"           |
| LF = RoHS Compliant                |                        | -24          | 24"           |
| < Blank > = Standard               |                        | -36          | 36"           |
| Note: LF applies only to RF cables |                        | -48          | 48"           |
|                                    |                        | -60          | 60"           |
|                                    |                        | -xx          | Custom Length |
|                                    |                        | Part #       | Ext.          |
|                                    |                        | -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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE  
**PE35422**

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FSCM NO. 53919

CAD FILE 122707

SCALE N/A

SIZE A

2233