



## SMA Male Right Angle to SMA Male Right Angle Precision Cable 12 Inch Length Using 150 Series Coax, RoHS

### TECHNICAL DATA SHEET

PE35422-12

#### SMA Male Right Angle to SMA Male Right Angle Precision Cable 12 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
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###### Temperature

Temperature Operating Range, deg C	-50 to +205
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###### Size

Length, in [mm]	12 [304.8]
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 12 Inch Length Using 150 Series Coax, RoHS PE35422-12](#)

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
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**Plotted and Other Data**

Notes:	Values at 25 °C, sea level
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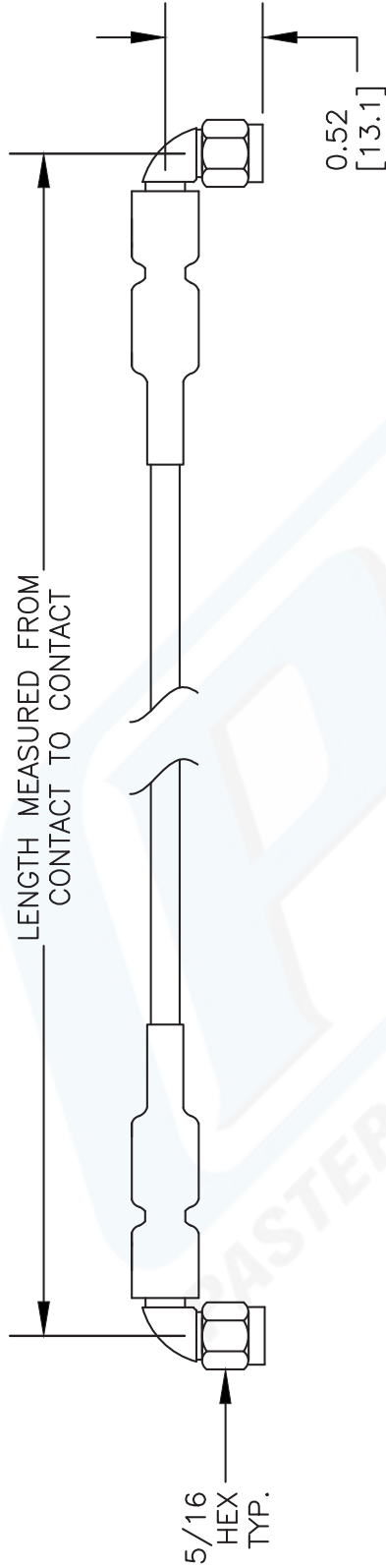
SMA Male Right Angle to SMA Male Right Angle Precision Cable 12 Inch Length Using 150 Series Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and fiber optic products maintain a 99% availability and are part of the broadest selection 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 12 Inch Length Using 150 Series Coax, RoHS PE35422-12](http://www.pasternack.com/sma-male-sma-male-150-series-cable-assembly-pe35422-12-p.aspx)

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**PE35422-12 CAD Drawing**  
 SMA Male Right Angle to SMA Male Right Angle Precision  
 Cable 12 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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CAD FILE 122707

SCALE N/A

SIZE A

2233