



SMA Male Right Angle to SMA Male Right Angle Precision
Cable 18 Inch Length Using 150 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35422-18

SMA Male Right Angle to SMA Male Right Angle Precision Cable 18 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]	18 [457.2]
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 18 Inch Length Using 150 Series Coax, RoHS PE35422-18](#)

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]
Body Material and Plating
Dielectric Type

8 [0.9]
Passivated Stainless Steel
PTFE

Connector 2

Type
Configuration
Inner Conductor Material and Plating
Coupling Nut Material and Plating
Hex Size, in.
Torque, in-lbs [Nm]
Body Material and Plating
Dielectric Type

SMA Male Right Angle
Right Angle
Copper Clad Steel, Silver
Passivated Stainless Steel
5/16
8 [0.9]
Passivated Stainless Steel
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 18 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.

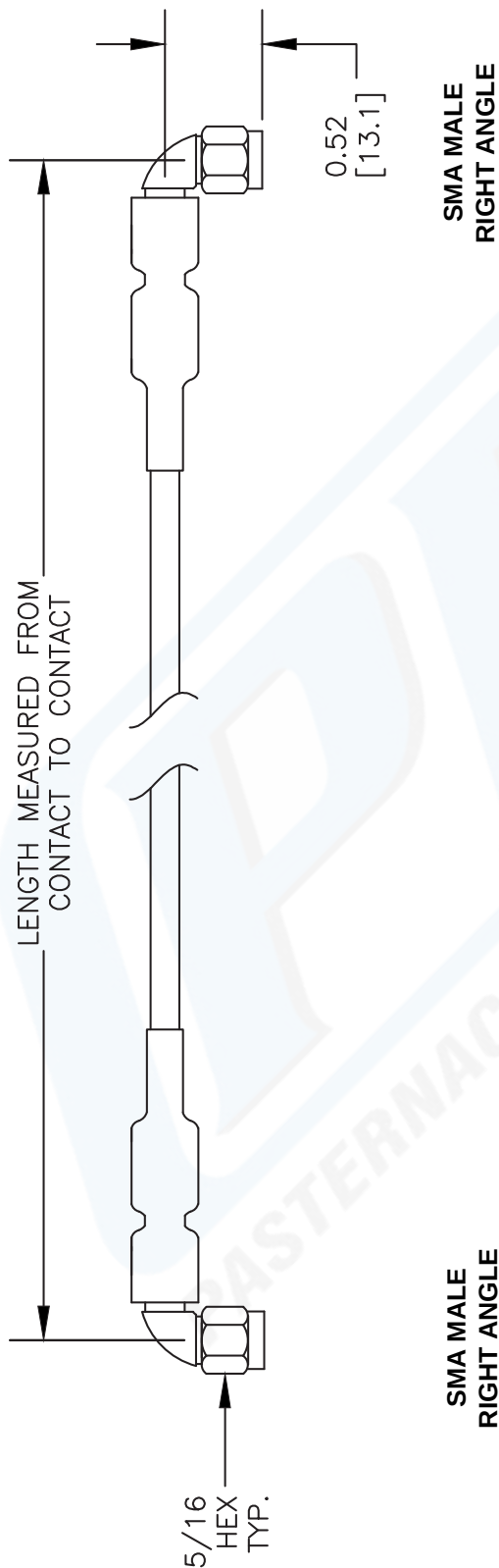
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PE35422-18 CAD Drawing
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How To Order				Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration		Examples		-12	12"	-25CM	25Cm
PE3	ZZZ	YY	- xx uu	-24	24"	-50CM	50Cm
00 - 99999				-36	36"	-75CM	75Cm
LF = RoHS Compliant				-48	48"	-100CM	100Cm
< Blank > = Standard				-60	60"	-125CM	125Cm
Note: LF applies only to RF cables		CM = Centimeters < Blank > = Inches		-xx	Custom Length	-xxCM	Custom Length
		Length					



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DWG TITLE

PE35422

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 $\pm 1.5\%$ OR $3/16"$, WHICHEVER IS GREATER.

FSCM NO. 53919

CAD FILE 122707

SCALE N/A

SIZE A

2233