



SMA Male Right Angle to SMA Male Right Angle Precision Cable 12 Inch Length Using 165 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35424-12

SMA Male Right Angle to SMA Male Right Angle Precision Cable 12 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]	12 [304.8]
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 12 Inch Length Using 165 Series Coax, RoHS PE35424-12](#)

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.



SMA Male Right Angle to SMA Male Right Angle Precision
Cable 12 Inch Length Using 165 Series Coax, RoHS

TECHNICAL DATA SHEET

PE35424-12

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 12 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.

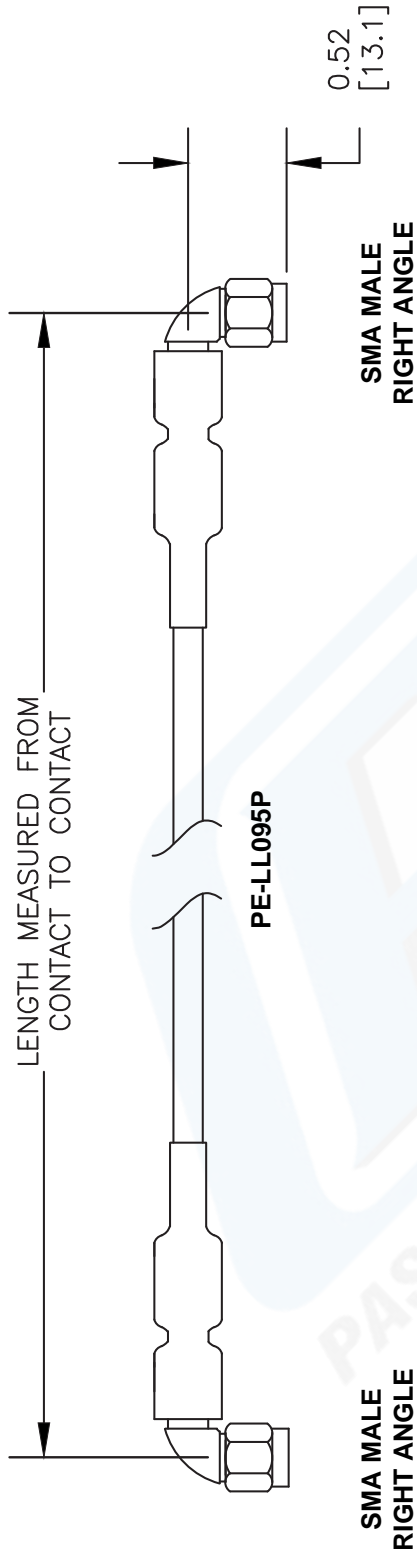
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male Right Angle to SMA Male Right Angle Precision Cable 12 Inch Length Using 165 Series Coax, RoHS PE35424-12](http://www.pasternack.com/sma-male-sma-male-165-non-magnetic-series-cable-assembly-pe35424-12-p.aspx)

URL: <http://www.pasternack.com/sma-male-sma-male-165-non-magnetic-series-cable-assembly-pe35424-12-p.aspx>

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.



PE35424-12 CAD Drawing
 SMA Male Right Angle to SMA Male Right Angle Precision
 Cable 12 Inch Length Using 165 Series Coax, RoHS



Part Number Configuration		How To Order	
PE3	zzz yy - xx uu	Part # Ext.	Length In Inches
00 - 99999	LF = RoHS Compliant < Blank > = Standard	-12	12"
	Note: LF applies only to RF cables	-24	24"
		-36	36"
		-48	48"
		-60	60"
		-xx	Custom Length
		Part # Ext.	Length In Centimeters
		-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
PE35424

FSCM NO. 53919

CAD FILE 012108

SCALE N/A

SIZE A

2233

PASTERNAK
 Pasternack Enterprises, Inc.
 P.O. Box 16759 | Irvine | CA | 92623
 Phone: (949) 261-1920 | Fax: (949) 261-7451
 Website: www.pasternack.com | E-Mail: sales@pasternack.com