



Reverse Polarity SMA Male to MCX Plug
Right Angle Cable Using RG316 Coax, RoHS

RF Cable Assemblies Technical Data Sheet

PE3C0481

Configuration

- Connector 1: SMA Male Reverse Polarity
- Connector 2: MCX Plug Right Angle
- Cable Type: RG316

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Capacitance		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Diameter 0.312 in [7.92 mm]
Weight 0.023 lbs [10.43 g]

Cable

Cable Type RG316
Impedance 50 Ohms
Inner Conductor Type Stranded
Inner Conductor Material and Plating Copper Clad Steel, Silver
Dielectric Type PTFE
Number of Shields 1
Shield Layer 1 Silver Plated Copper Braid
Jacket Material FEP, Tan
Jacket Diameter 0.098 in [2.49 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity SMA Male to MCX Plug Right Angle Cable Using RG316 Coax, RoHS PE3C0481](#)



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Connectors

Description	Connector 1	Connector 2
Type	SMA Male Reverse Polarity	MCX Plug Right Angle
Specification		CECC 22220
Impedance	50 Ohms	50 Ohms
Connection Method	Standard	Standard
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification		30μ in. minimum
Dielectric Type	PTFE	Teflon
Coupling Nut Material and Plating	Brass, Nickel	
Hex Size	5/16 in	
Torque	5 in-lbs [0.57 Nm]	[]
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100μ in. minimum

Environmental Specifications

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant Yes

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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How to Order

Part Number Configuration:

PE3C0481

- **xx**

uu

Unit of Measure:
cm = Centimeters
<blank> = Inches
Length
Base Number

Example: PE3C0481-12 = 12 inches long cable
PE3C0481-100cm = 100 cm long cable

Reverse Polarity SMA Male to MCX Plug Right Angle Cable Using RG316 Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

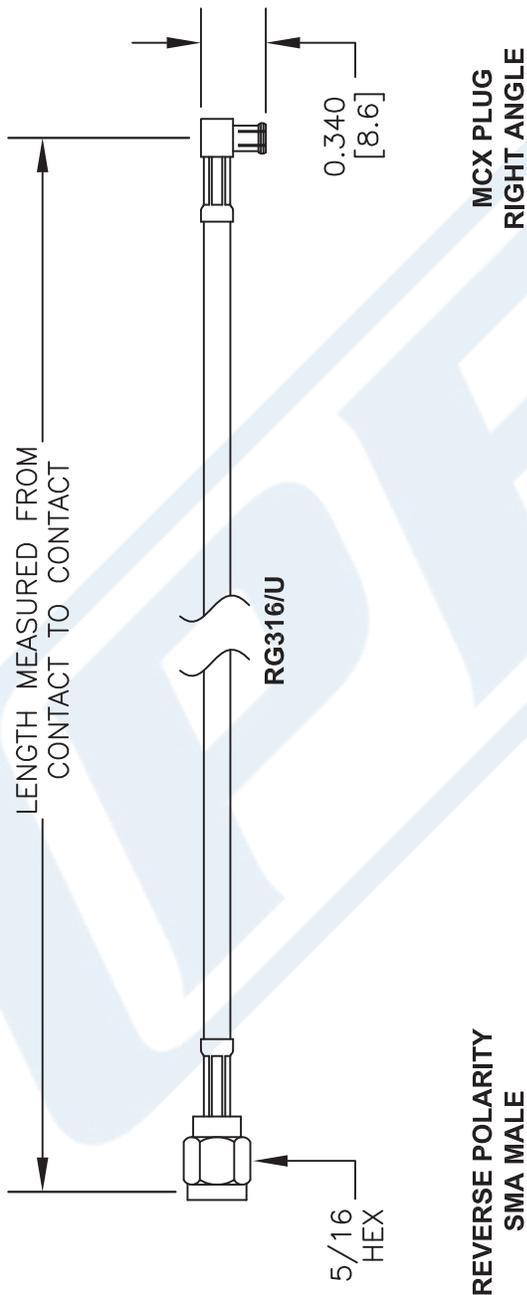
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Reverse Polarity SMA Male to MCX Plug Right Angle Cable Using RG316 Coax, RoHS PE3C0481](http://www.pasternack.com/sma-male-mcx-plug-rg316u-cable-assembly-pe3c0481-p.aspx)

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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. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

PE3C0481 CAD Drawing

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How To Order		Part # Ext.	Length In Inches	Part # Ext.	Length In Centimeters
Part Number Configuration PE3 [zzz] [yy] - [xx] [uu] 00 - 99999 LF = RoHS Compliant < Blank > = Standard Note: LF applies only to RF cables		-12	12"	-25CM	25Cm
Examples PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM CM = Centimeters < Blank > = Inches Length		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
		-xx	Custom Length	-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
PE3C0481

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