



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](http://www.Pasternack.com) for current document)

RoHS Compliant

Yes

#### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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**PE3C0481**

**How to Order**

Part Number Configuration:

**PE3C0481**

**- xx**

**uu**

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

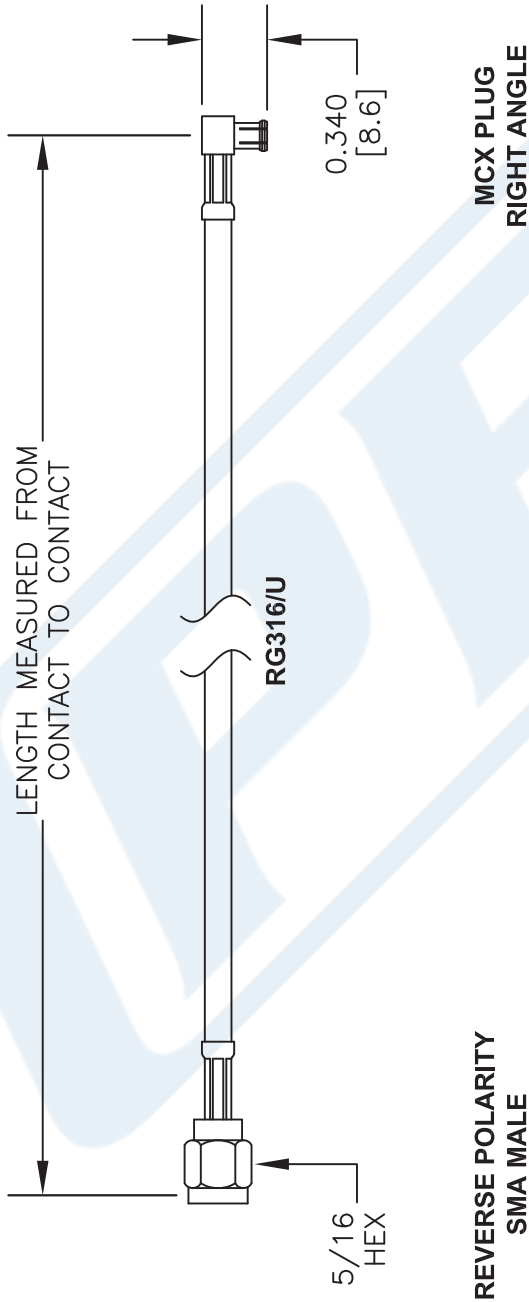
Example: PE3C0481-12 = 12 inches long cable  
PE3C0481-100cm = 100 cm long cable

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)

URL: <http://www.pasternack.com/sma-male-mcx-plug-rg316u-cable-assembly-pe3c0481-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. 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.



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



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DWG TITLE

PE3C0481

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.

FSCM NO. 53919

CAD FILE 103013

SCALE N/A

SIZE A

2233

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PE3C0481 REV 1.0

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