



SMA Male to SSMC Plug Cable 12 Inch Length Using PE-SR405FLJ Coax

RF Cable Assemblies Technical Data Sheet

PE3C4444-12

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	5	10	12.4	GHz
Insertion Loss (Max.)	0.35	0.43	0.75	1.02	1.11	dB

Mechanical Specifications

Cable Assembly

Length* 12 in [304.8 mm]
 Diameter 0.315 in [8 mm]

Cable

Cable Type PE-SR405FLJ
 Impedance 50 Ohms
 Inner Conductor Type Solid
 Inner Conductor Material and Plating Copper Clad Steel, Silver
 Dielectric Type PTFE
 Number of Shields 1
 Outer Conductor Material and Plating Tinned Copper Composite Braid
 Jacket Material FEP, Black
 Jacket Diameter 0.105 in [2.67 mm]
 One Time Minimum Bend Radius 0.5 in [12.7 mm]
 Repeated Minimum Bend Radius 0.787 in [19.99 mm]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to SSMC Plug Cable 12 Inch Length Using PE-SR405FLJ Coax PE3C4444-12](#)





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Connectors

Description	Connector 1	Connector 2
Type	SMA Male	SSMC Plug
Impedance	50 Ohms	50 Ohms
Mating Cycles		500
Contact Material and Plating	Brass, Gold over Nickel	Beryllium Copper, Gold
Contact Plating Specification		MIL-G-45204
Dielectric Type	PTFE	Teflon
Body Material and Plating	Brass, Gold over Nickel	Beryllium Copper, Gold
Body Plating Specification		MIL-G-45204
Coupling Nut Material and Plating	Passivated Stainless Steel	Beryllium Copper, Gold
Coupling Nut Plating Specification		MIL-G-45204
Hex Size	5/16 inch	
Torque	8 in-lbs [0.9 Nm]	1.75 in-lbs [0.2 Nm]

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3C4444

- **xx**

uu

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

Example: PE3C4444-12 = 12 inches long cable
PE3C4444-100cm = 100 cm long cable

SMA Male to SSMC Plug Cable 12 Inch Length Using PE-SR405FLJ Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% 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 to SSMC Plug Cable 12 Inch Length Using PE-SR405FLJ Coax PE3C4444-12](https://www.pasternack.com/sma-male-ssmc-plug-pe-sr405flj-cable-assembly-pe3c4444-12-p.aspx)

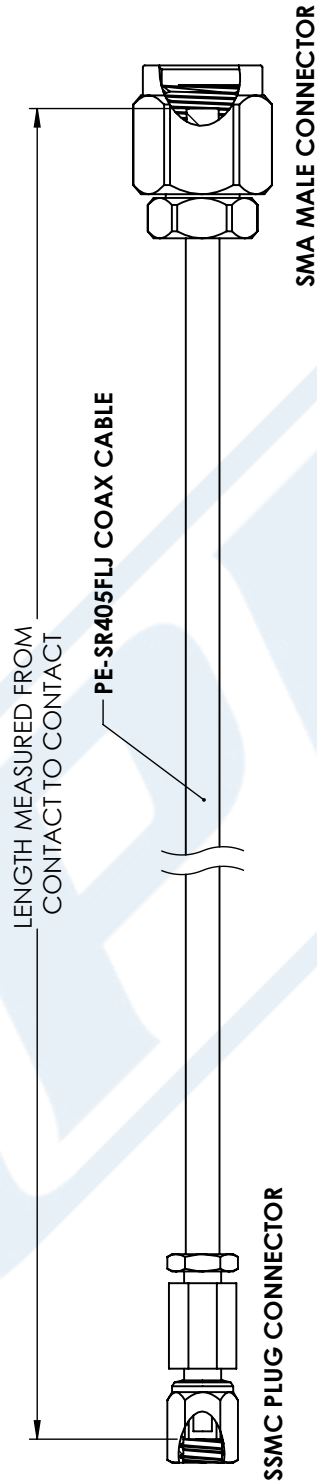
URL: <https://www.pasternack.com/sma-male-ssmc-plug-pe-sr405flj-cable-assembly-pe3c4444-12-p.aspx>

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. 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.



PE3C4444-12 CAD Drawing

SMA Male to SSMC Plug Cable 12 Inch Length Using PE-SR405FLJ Coax



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE3C4444

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].

CAGE CODE 53919

CAD FILE 09/07/17

SCALE N/A

SIZE A

CN2245