



2.92mm Male to SMP Female Cable 18 Inch
Length Using PE-SR405FLJ Coax

TECHNICAL DATA SHEET

PE3C0439-18

Configuration

Connector 1	2.92mm Male
Connector 2	SMP Female
Cable Type	PE-SR405FLJ

Electrical Specifications

Frequency Range	DC to 18 GHz
Impedance	50 Ohms
Maximum VSWR	1.35:1
Velocity of Propagation	69.5 %
Group Delay	1.43 ns/ft [4.69 ns/m]
RF Shielding	100 dB
Maximum Operating Voltage	1,500 Vrms

Mechanical Specifications

Temperature

Temperature Operating Range	-55 to +125 deg C
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Size

Length	18 in [457.2 mm]
Diameter	0.312 in [7.92 mm]
Weight	0.035 lbs [15.88 g]
Cable Color	Black
One Time Minimum Bend Radius	0.236 in [5.99 mm]
Repeated Minimum Bend Radius	0.787 in [19.99 mm]

Cable

Cable Type	PE-SR405FLJ
Inner Conductor Type	Solid
Cable Inner Conductor	Copper Clad Steel, Silver
No of Shields	1
Dielectric Type	PTFE
Jacket Material	FEP
Jacket Diameter	0.098 in [2.49 mm]

Connector 1

Type	2.92mm Male
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	50µ in. minimum
Coupling Nut Material and Plating	Passivated Stainless Steel
Hex Size	5/16 in.
Torque	8 in-lbs [0.9 Nm]
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	50µ in. minimum
Dielectric Type	PCTFE

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to SMP Female Cable 18 Inch Length Using PE-SR405FLJ Coax PE3C0439-18](#)



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Connector 2

Type	SMP Female
Connector 2 Specification	DESC 94008
Configuration	Straight
Inner Conductor Material and Plating	Beryllium Copper, Gold
Inner Conductor Plating Specification	MIL-G-45204
Outer Conductor Material and Plating	Beryllium Copper
Body Material and Plating	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204
Dielectric Type	Teflon

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

For RoHS Compliant version, use PE3c0439LF-18. Contact Pasternack if product cannot be found.

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

2.92mm Male to SMP Female Cable 18 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% availability and are part of the broadest selection in the industry.

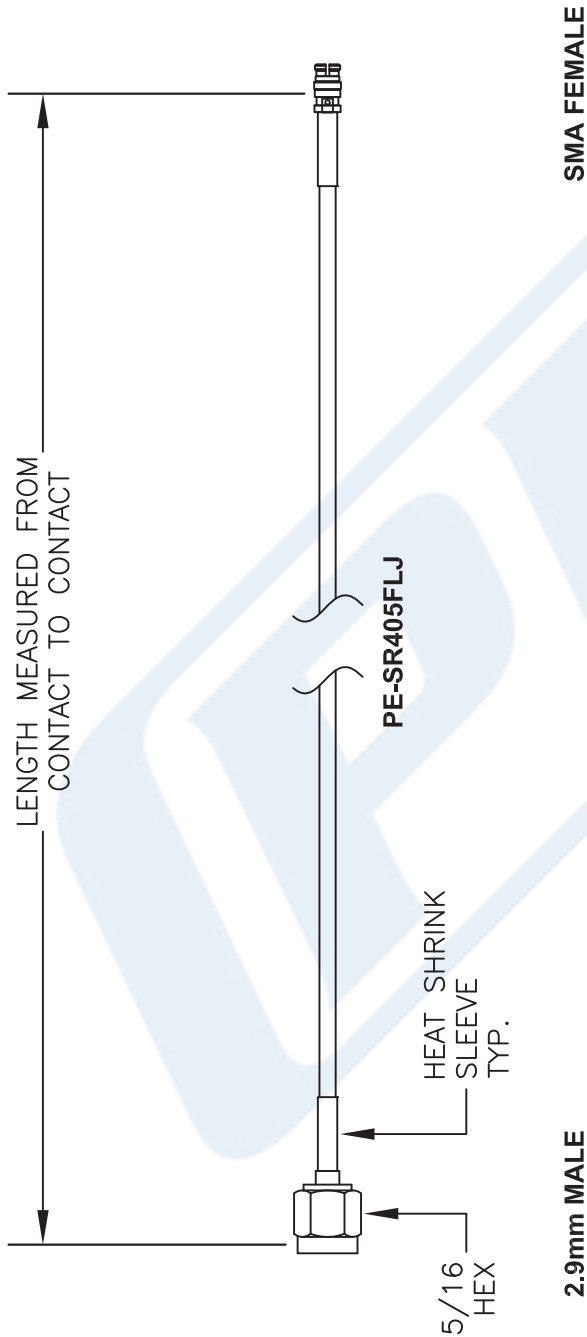
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URL: <http://www.pasternack.com/2.92mm-male-smp-female-pe-sr405flj-cable-assembly-pe3c0439-18-p.aspx>

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.

PE3C0439-18 CAD Drawing

2.92mm Male to SMP Female Cable 18 Inch Length Using PE-SR405FLJ Coax



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]	PE3000LF-100	-24	24"	-50CM	50Cm
00 - 99999	PE3000-100	-36	36"	-75CM	75Cm
LF = RoHS Compliant	PE3000LF-100CM	-48	48"	-100CM	100Cm
< Blank > = Standard	PE3000-100CM	-60	60"	-125CM	125Cm
Note: LF applies only to RF cables		-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
PE3C0439

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