



SMP Female to SMP Female Right Angle Cable
18 Inch Length Using PE-SR405FLJ Coax

RF Cable Assemblies Technical Data Sheet

PE3C0438-18

Configuration

- Connector 1: SMP Female
- Connector 2: SMP Female Right Angle
- Cable Type: PE-SR405FLJ

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12	GHz
VSWR			1.35:1	
Velocity of Propagation		69.5		%
RF Shielding	100			dB
Group Delay		1.43 [4.69]		ns/ft [ns/m]
Capacitance		29 [95.14]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length	18 in [457.2 mm]
Diameter	0.19 in [4.83 mm]
Weight	0.031 lbs [14.06 g]
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
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	FEP, Black
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: [SMP Female to SMP Female Right Angle Cable 18 Inch Length Using PE-SR405FLJ Coax PE3C0438-18](#)



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Connectors

Description	Connector 1	Connector 2
Type	SMP Female	SMP Female Right Angle
Specification	DESC 94008	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Connection Method	Standard	Standard
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204	
Dielectric Type	Teflon	PTFE
Outer Conductor Material and Plating	Beryllium Copper	Beryllium Copper, Gold
Body Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Body Plating Specification	MIL-G-45204	

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

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

For RoHS Compliant version, use PE3c0438LF-18. Contact Pasternack if product cannot be found.

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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How to Order

Part Number Configuration:

PE3C0438

- **xx**

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C0438-12 = 12 inches long cable
PE3C0438-100cm = 100 cm long cable

SMP Female to SMP Female Right Angle 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.

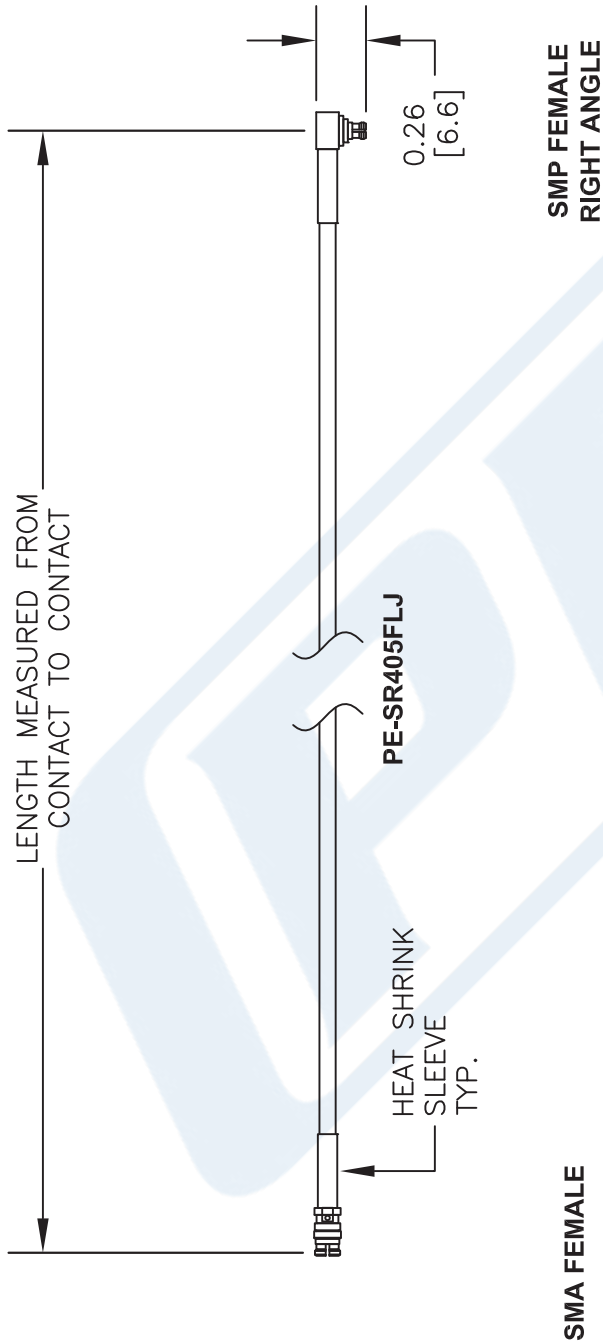
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMP Female to SMP Female Right Angle Cable 18 Inch Length Using PE-SR405FLJ Coax PE3C0438-18](#)

URL: <http://www.pasternack.com/smp-female-smp-female-pe-sr405flj-cable-assembly-pe3c0438-18-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.

PE3C0438-18 CAD Drawing

SMP Female to SMP Female Right Angle Cable 18 Inch Length Using PE-SR405FLJ Coax



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	Examples PE3000LF-100 PE3000-100 PE3000LF-100CM PE3000-100CM	-12	12"	-25CM	25Cm
		-24	24"	-50CM	50Cm
		-36	36"	-75CM	75Cm
		-48	48"	-100CM	100Cm
		-60	60"	-125CM	125Cm
	Custom Length	-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
PE3C0438

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FSCM NO. 53919	CAD FILE 091813	SCALE N/A	SIZE A	2233
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