



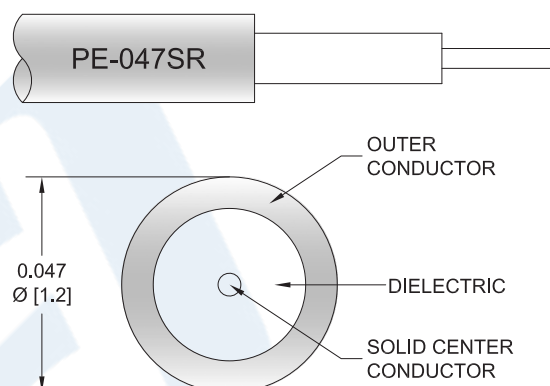
1.85mm Male to 1.85mm Male Cable 18 Inch
Length Using PE-047SR Coax, RoHS

RF Cable Assemblies Technical Data Sheet

PE36519LF-18

Configuration

- Connector 1: 1.85mm Male
- Connector 2: 1.85mm Male
- Cable Type: PE-047SR



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.45:1	

Mechanical Specifications

Cable Assembly

Length	18 in [457.2 mm]
Diameter	0.312 in [7.92 mm]
Weight	0.031 lbs [14.06 g]
One Time Minimum Bend Radius	0.5 in [12.7 mm]

Cable

Cable Type	PE-047SR
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	Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.85mm Male to 1.85mm Male Cable 18 Inch Length Using PE-047SR Coax, RoHS PE36519LF-18](#)



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Connectors

Description	Connector 1	Connector 2
Type	1.85mm Male	1.85mm Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Gold
Dielectric Type	PPO	PPO
Coupling Nut Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Hex Size	5/16 in.	5/16 in.
Torque	8 in-lbs [0.9 Nm]	8 in-lbs [0.9 Nm]
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel

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

RoHS Compliant	Yes
REACH Compliant	12/19/2011

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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1.85mm Male to 1.85mm Male Cable 18 Inch Length Using PE-047SR Coax, RoHS

RF Cable Assemblies Technical Data Sheet

PE36519LF-18

How to Order

Part Number Configuration:

PE36519LF

- xx

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

Example: PE36519LF-12 = 12 inches long cable
PE36519LF-100cm = 100 cm long cable

1.85mm Male to 1.85mm Male Cable 18 Inch Length Using PE-047SR 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.

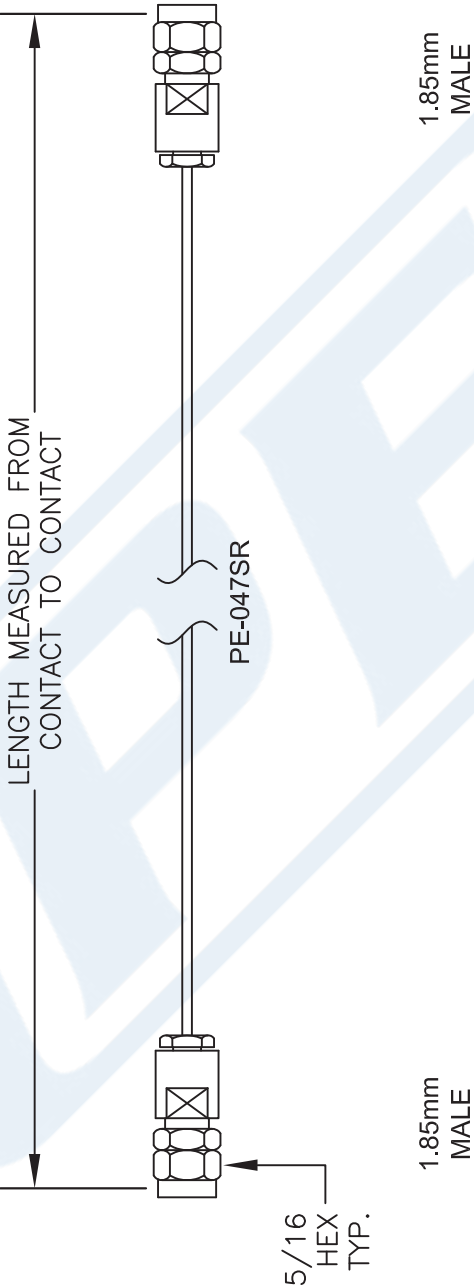
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. 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.

PE36519LF-18 CAD Drawing

1.85mm Male to 1.85mm Male Cable 18 Inch Length Using PE-047SR Coax, RoHS



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 $\pm 1.5\%$ OR 3/8", WHICHEVER IS GREATER.

DWG TITLE		FSCM NO. 53919	
PE36519LF		CAD FILE	102015
		SCALE	N/A
		SIZE	A
			2233

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THE ENGINEER'S RF SOURCE

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