



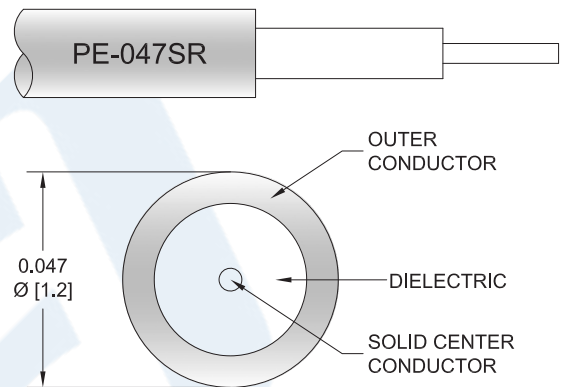
1.85mm Male to 1.85mm Male Cable Using PE-047SR Coax

RF Cable Assemblies Technical Data Sheet

PE36519

**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**

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 Using PE-047SR Coax PE36519](#)



# 1.85mm Male to 1.85mm Male Cable Using PE-047SR Coax

## RF Cable Assemblies Technical Data Sheet

PE36519

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

For RoHS Compliant version, use PE36519LF. Contact Pasternack if product cannot be found.  
 REACH Compliant 12/19/2011

### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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 Using PE-047SR Coax PE36519](#)



## 1.85mm Male to 1.85mm Male Cable Using PE-047SR Coax

### RF Cable Assemblies Technical Data Sheet

PE36519

#### How to Order

Part Number Configuration:

PE36519

- xx

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE36519-12 = 12 inches long cable  
PE36519-100cm = 100 cm long cable

1.85mm Male to 1.85mm Male Cable Using PE-047SR 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.

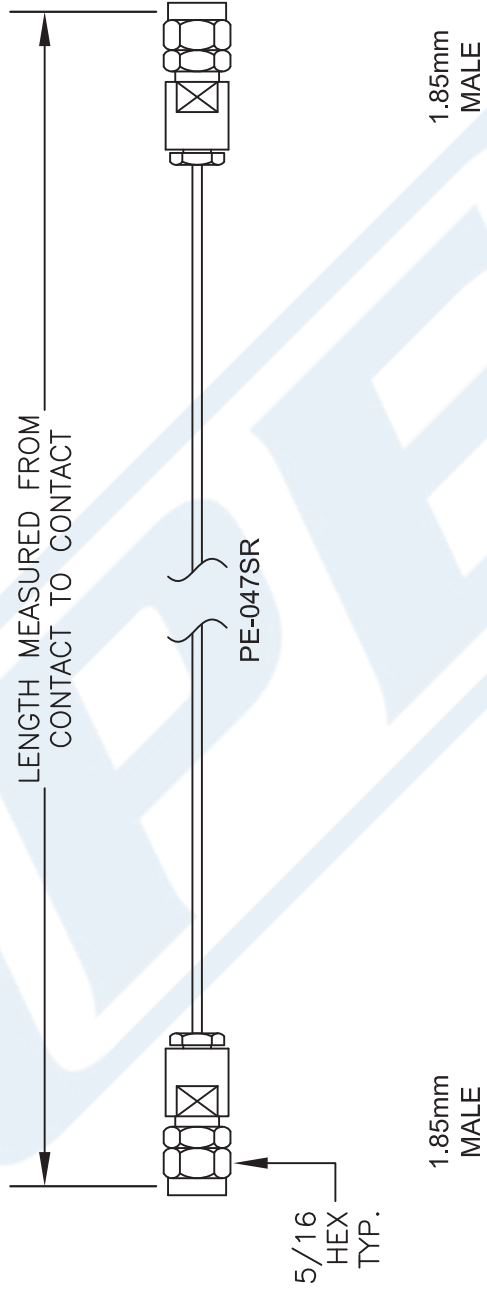
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [1.85mm Male to 1.85mm Male Cable Using PE-047SR Coax PE36519](http://www.pasternack.com/1.85mm-male-1.85mm-male-pe-047sr-cable-assembly-pe36519-p.aspx)

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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.

# PE36519 CAD Drawing

1.85mm Male to 1.85mm Male Cable Using PE-047SR Coax



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  
**PE36519**

FSCM NO. 53919

CAD FILE 102015

SCALE N/A

SIZE A

2233

**PE PASTERNAK**  
 THE ENGINEER'S RF SOURCE

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