



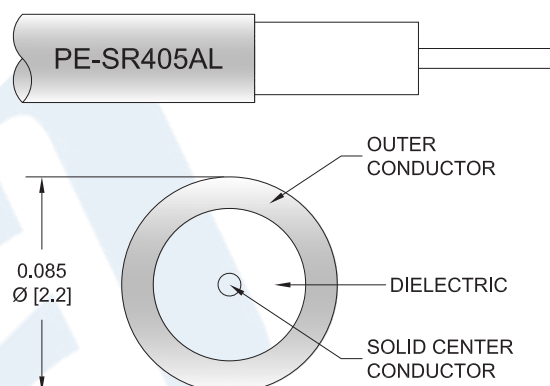
3.5mm Male to 3.5mm Male Cable Using PE-SR405AL Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet

PE34576LF

Configuration

- Connector 1: 3.5mm Male
- Connector 2: 3.5mm Male
- Cable Type: PE-SR405AL



Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC | | 35 | GHz |
| VSWR | | | 1.35:1 | |

Mechanical Specifications

Cable Assembly

Diameter 0.312 in [7.92 mm]

Weight 0.035 lbs [15.88 g]

Cable

Cable Type PE-SR405AL

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 Aluminum

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [3.5mm Male to 3.5mm Male Cable Using PE-SR405AL Coax, LF Solder, RoHS PE34576LF](#)



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Connectors

| Description | Connector 1 | Connector 2 |
|------------------------------------|----------------------------|----------------------------|
| Type | 3.5mm Male | 3.5mm Male |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Beryllium Copper, Gold | Beryllium Copper, Gold |
| Contact Plating Specification | ASTM-B488, 50µ in. minimum | ASTM-B488, 50µ in. minimum |
| Dielectric Type | PCTFE | PCTFE |
| Coupling Nut Material and Plating | Passivated Stainless Steel | Passivated Stainless Steel |
| Coupling Nut Plating Specification | SAE-AMS-2700 | SAE-AMS-2700 |
| 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 |
| Body Plating Specification | SAE-AMS-2700 | SAE-AMS-2700 |

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

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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RF Cable Assemblies Technical Data Sheet

PE34576LF

How to Order

Part Number Configuration:

PE34576LF

- **xx**

uu

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

Example: PE34576LF-12 = 12 inches long cable
PE34576LF-100cm = 100 cm long cable

3.5mm Male to 3.5mm Male Cable Using PE-SR405AL Coax, LF Solder, 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.

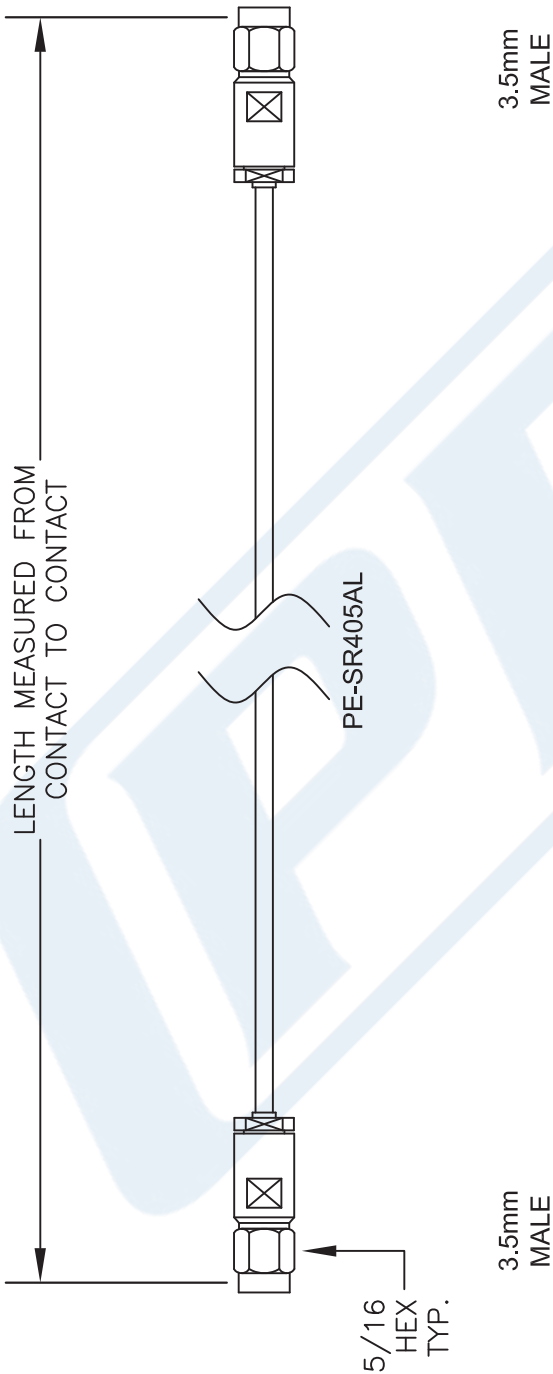
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URL: <https://www.pasternack.com/3.5mm-male-3.5mm-male-pe-sr405al-cable-assembly-pe34576lf-p.aspx>

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.

PE34576LF CAD Drawing

3.5mm Male to 3.5mm Male Cable Using PE-SR405AL Coax, LF Solder, 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
PE34576LF

CAGE CODE 53919

CAD FILE 101716

SCALE N/A

SIZE A

2233

PE PASTERNAK®
THE ENGINEER'S RF SOURCE
Pasternack Enterprises, Inc.
P.O. Box 16759 | Irvine | CA | 92623
Phone: (949) 261-1920 | Fax: (949) 261-7451
Website: www.pasternack.com | E-Mail: sales@pasternack.com