PASTERNACK
THE ENGINEER'S RF SOURCE

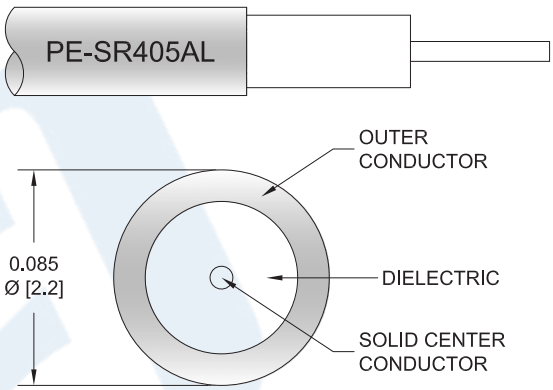


3.5mm Male to 3.5mm Male Cable 48 Inch Length Using PE-SR405AL Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet PE34576LF-48

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

Length	48 in [121.92 cm]
Diameter	0.312 in [7.92 mm]
Weight	0.058 lbs [26.31 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 48 Inch Length Using PE-SR405AL Coax, LF Solder, RoHS PE34576LF-48

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
Phone: (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

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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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How to Order

Part Number Configuration: **PE34576LF - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE34576LF — Base Number

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

3.5mm Male to 3.5mm Male Cable 48 Inch Length 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-48-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.

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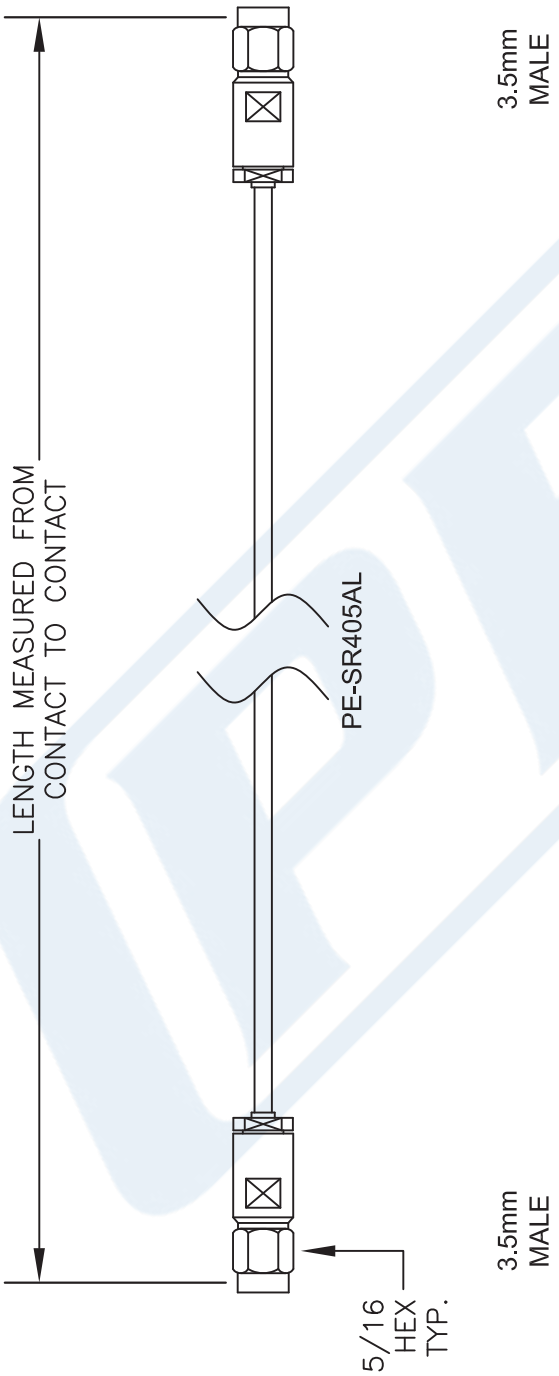
PE34576LF-48 CAD Drawing

3.5mm Male to 3.5mm Male Cable 48 Inch Length 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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

CAD FILE	101716	SCALE N/A	SIZE A

DWG TITLE
PE34576LF

CAGE CODE 53919

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