



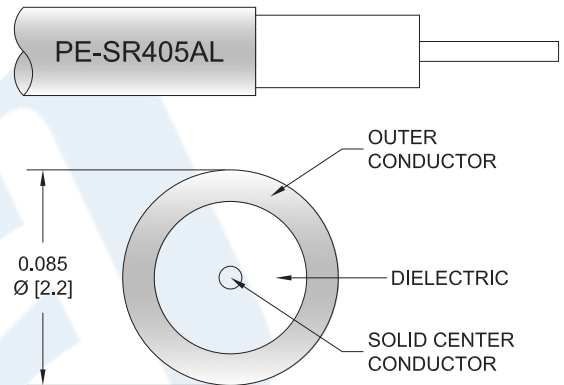
3.5mm Male to 3.5mm Male Cable 48 Inch Length
Using PE-SR405AL Coax, LF Solder, RoHS

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](#)





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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:

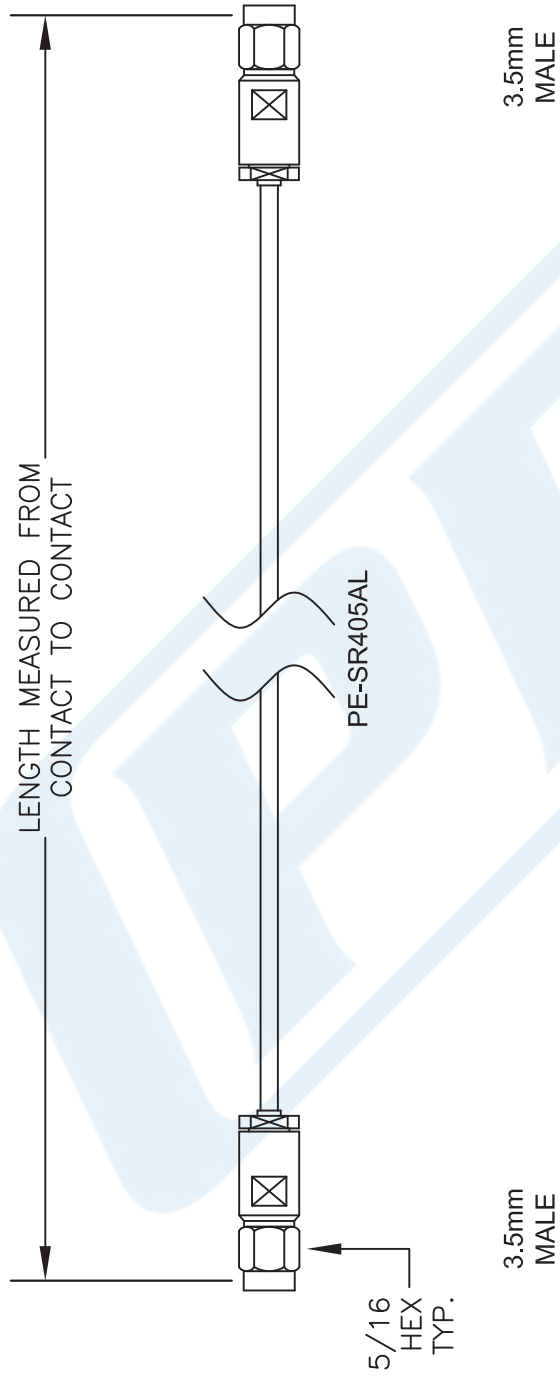
- Values at 25°C, sea level.

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](#)

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

DWG TITLE
PE34576LF

CAGE CODE 53919

CAD FILE 101716

SCALE N/A

SIZE A

2233

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