



2.4mm Male to 2.4mm Male Cable 12 Inch  
Length Using PE-SR405AL Coax, RoHS

## RF Cable Assemblies - PE35672LF-12

### Configuration

- Connector 1: 2.4mm Male
- Connector 2: 2.4mm Male
- Cable Type: PE-SR405AL

### Electrical Specifications

| Description     | Minimum | Typical | Maximum | Units |
|-----------------|---------|---------|---------|-------|
| Frequency Range | DC      |         | 40      | GHz   |
| VSWR            |         |         | 1.4:1   |       |

### Specifications by Frequency

| Description        | F1    | F2     | F3     | F4     | F5     | Units |
|--------------------|-------|--------|--------|--------|--------|-------|
| Frequency          | 2.5   | 5      | 20     | 30     | 40     | GHz   |
| VSWR (Max.)        | 1.4:1 | 1.4:1  | 1.4:1  | 1.4:1  | 1.4:1  |       |
| Return Loss (Max.) | 15.56 | 15.563 | 15.563 | 15.563 | 15.563 | dB    |

### Mechanical Specifications

#### Cable Assembly

|          |                     |
|----------|---------------------|
| Length   | 12 in [304.8 mm]    |
| Diameter | 0.312 in [7.92 mm]  |
| Weight   | 0.024 lbs [10.89 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: [2.4mm Male to 2.4mm Male Cable 12 Inch Length Using PE-SR405AL Coax, RoHS PE35672LF-12](#)



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### Connectors

| Description                        | Connector 1                | Connector 2                |
|------------------------------------|----------------------------|----------------------------|
| Type                               | 2.4mm Male                 | 2.4mm Male                 |
| Impedance                          | 50 Ohms                    | 50 Ohms                    |
| Connection Method                  | Standard                   | Standard                   |
| Contact Material and Plating       | Beryllium Copper, Gold     | Beryllium Copper, Gold     |
| Contact Plating Specification      | MIL-G-45204                | MIL-G-45204                |
| Dielectric Type                    | Noryl                      | Noryl                      |
| Coupling Nut Material and Plating  | Passivated Stainless Steel | Passivated Stainless Steel |
| Coupling Nut Plating Specification | ASTM A380                  | ASTM A380                  |
| 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         | ASTM A380                  | ASTM A380                  |

### Environmental Specifications

#### Compliance Certifications (visit [www.Pasternack.com](http://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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### How to Order

Part Number Configuration:

**PE35672LF**

- **xx**

**uu**

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

Example: PE35672LF-12 = 12 inches long cable  
PE35672LF-100cm = 100 cm long cable

2.4mm Male to 2.4mm Male Cable 12 Inch Length Using PE-SR405AL 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.

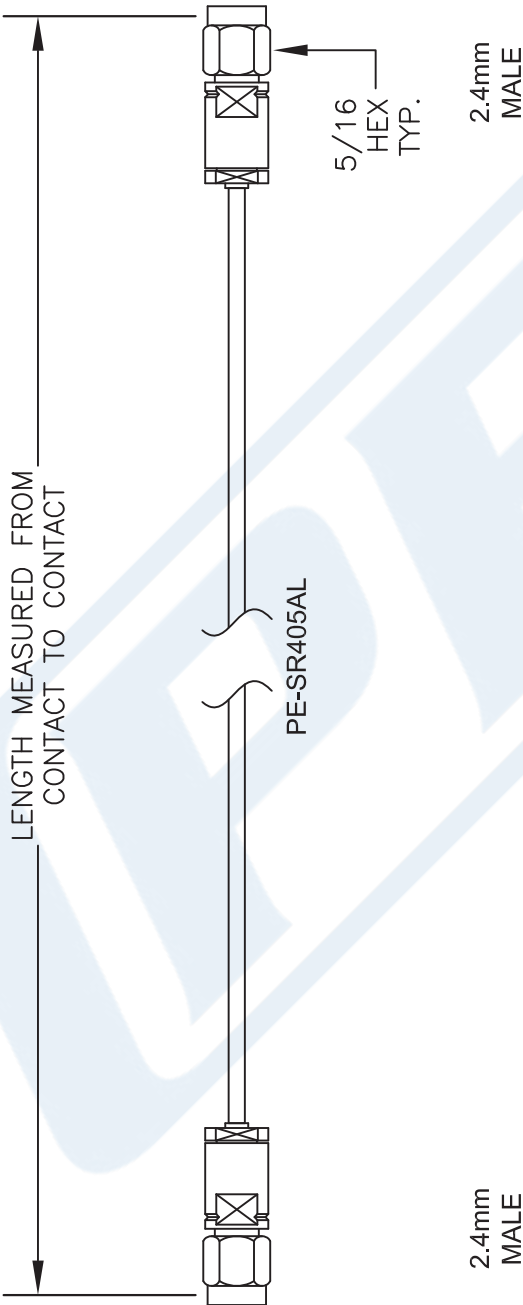
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements.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

PE35672LF-12 CAD Drawing

2.4mm Male to 2.4mm Male Cable 12 Inch Length Using PE-SR405AL 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      |  | CAD FILE |  | SCALE |  |
| PE35672LF      |  | 080515   |  | N/A   |  |
| FSCM NO. 53919 |  | SIZE     |  | A     |  |
|                |  | 2233     |  |       |  |



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