



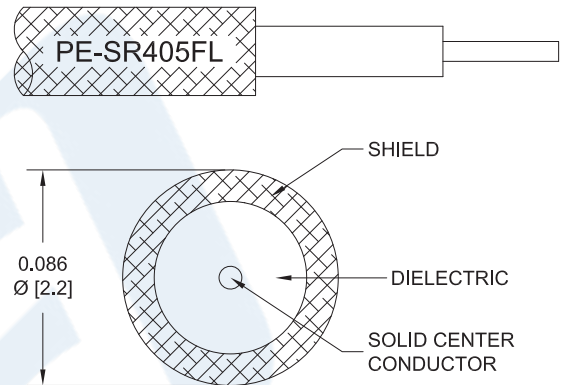
2.92mm Male to 2.92mm Male Cable Using PE-SR405FL Coax

**RF Cable Assemblies Technical Data Sheet**

**PE3C1377**

**Configuration**

- Connector 1: 2.92mm Male
- Connector 2: 2.92mm Male
- Cable Type: PE-SR405FL



**Electrical Specifications**

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.4:1	
Velocity of Propagation		69.5		%
Capacitance		29 [95.14]		pF/ft [pF/m]

**Specifications by Frequency**

Description	F1	F2	F3	F4	F5	Units
Frequency	2.5	5	20			GHz
Insertion Loss (Max.)	0.3 [0.98]	0.48 [1.57]	1.1 [3.61]			dB/ft [dB/m]

**Mechanical Specifications**

**Cable Assembly**

Diameter 0.312 in [7.92 mm]  
Weight 0.028 lbs [12.7 g]

**Cable**

Cable Type PE-SR405FL  
Impedance 50 Ohms  
Inner Conductor Type Solid

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 2.92mm Male Cable Using PE-SR405FL Coax PE3C1377](#)





## 2.92mm Male to 2.92mm Male Cable Using PE-SR405FL Coax

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Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Outer Conductor Diameter	0.086 in [2.18 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	2.92mm Male	2.92mm Male
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper
Contact Plating Specification	50µ in. minimum	50µ in. minimum
Dielectric Type	Ultem 1000	Ultem 1000
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 Inch	5/16 Inch
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Specification	SAE-AMS-2700	SAE-AMS-2700

#### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

For RoHS Compliant version, use PE3C1377LF. Contact Pasternack if product cannot be found.

#### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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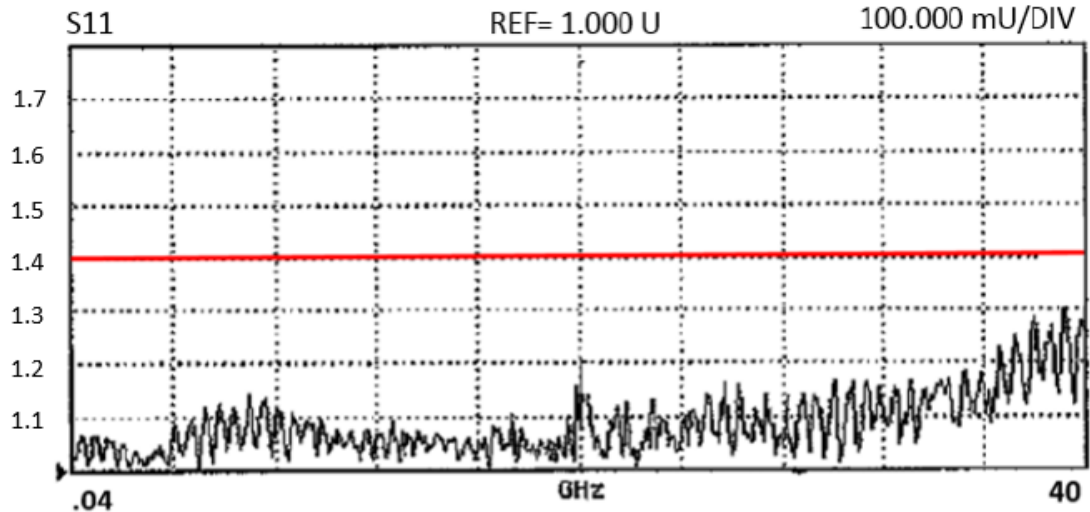
2.92mm Male to 2.92mm Male Cable Using PE-SR405FL Coax

**RF Cable Assemblies Technical Data Sheet**

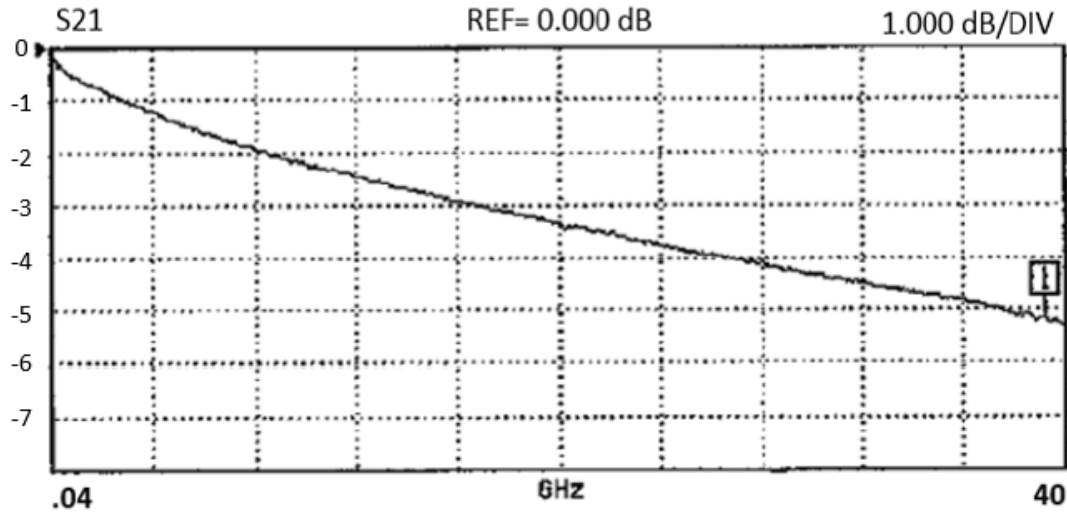
**PE3C1377**

Typical Performance Data

PE3C1377-36 VSWR



PE3C1377-36 Insertion Loss (dB)



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## 2.92mm Male to 2.92mm Male Cable Using PE-SR405FL Coax

### RF Cable Assemblies Technical Data Sheet

**PE3C1377**

#### How to Order

Part Number Configuration:

**PE3C1377**

- **xx**

**uu**

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

Example: PE3C1377-12 = 12 inches long cable  
PE3C1377-100cm = 100 cm long cable

2.92mm Male to 2.92mm Male Cable Using PE-SR405FL 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.

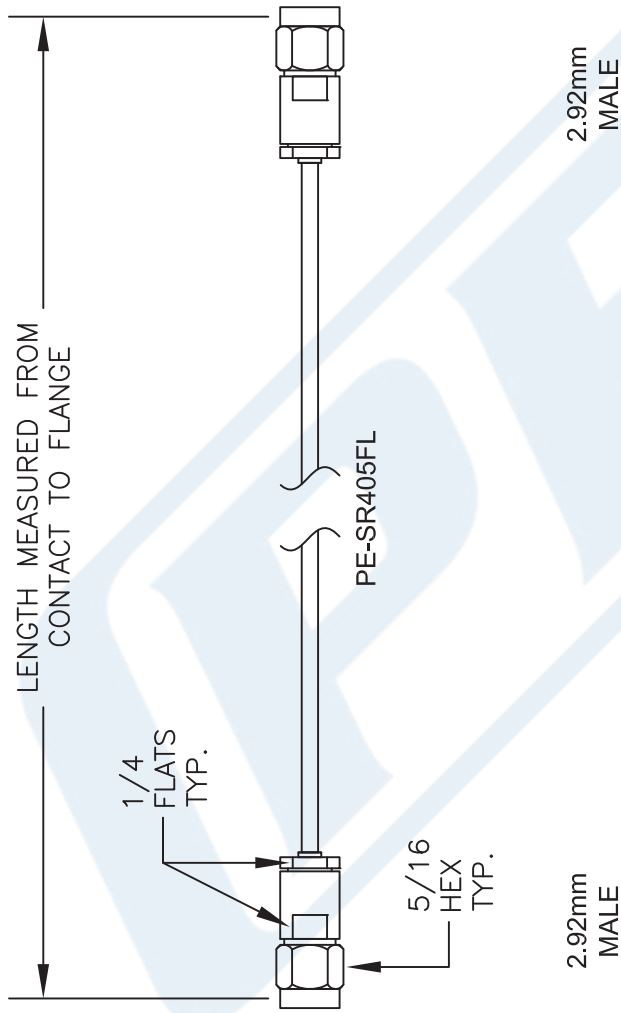
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [2.92mm Male to 2.92mm Male Cable Using PE-SR405FL Coax PE3C1377](http://www.pasternack.com/2.92mm-male-2.92mm-male-pe-sr405fl-cable-assembly-pe3c1377-p.aspx)

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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.

# PE3C1377 CAD Drawing

2.92mm Male to 2.92mm Male Cable Using PE-SR405FL 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  
**PE3C1377**

**(PE) PASTERNAK®**  
 THE ENGINEER'S RF SOURCE  
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CAD FILE	050216	SCALE	N/A	SIZE	A	2233
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