PASTERNACK
THE ENGINEER'S RF SOURCE

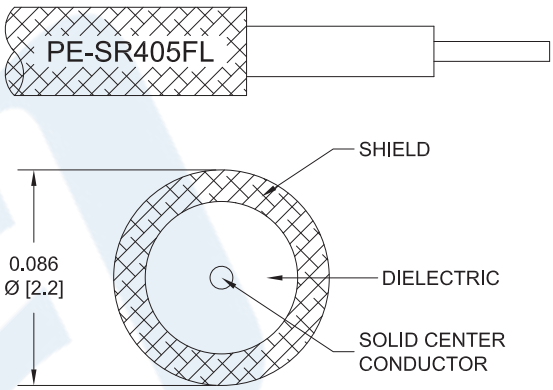


2.92mm Male to 2.92mm Male Cable 24 Inch Length Using PE-SR405FL Coax, RoHS

RF Cable Assemblies Technical Data Sheet PE3C1377LF-24

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.)	1.04	1.4	2.64			dB

Mechanical Specifications

Cable Assembly

Length	24 in [609.6 mm]
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 24 Inch Length Using PE-SR405FL Coax, RoHS PE3C1377LF-24

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

ISO 9001 : 2008 Registered

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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 for current document)

RoHS Compliant	Yes

Plotted and Other Data

Notes:

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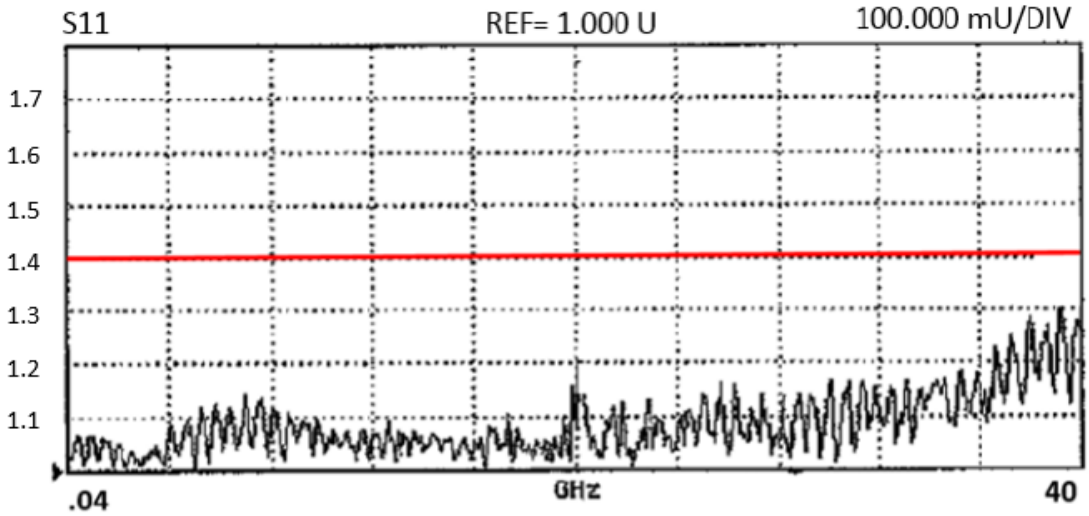
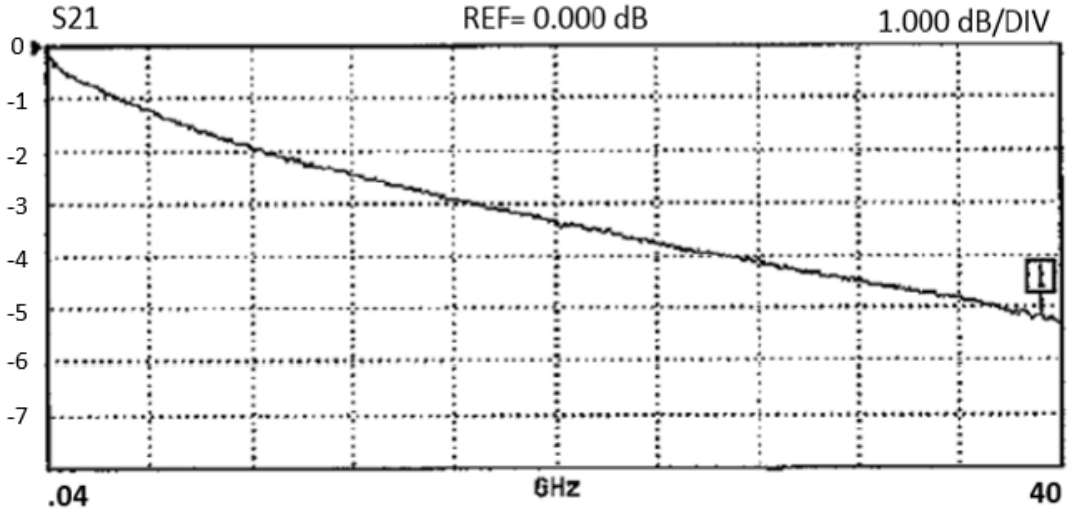
Typical Performance Data

PE3C1377-36 VSWR



PE3C1377-36 Insertion Loss (dB)



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How to Order

Part Number Configuration: **PE3C1377LF - xx uu**

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE3C1377LF — Base Number

Example: PE3C1377LF-12 = 12 inches long cable
PE3C1377LF-100cm = 100 cm long cable

2.92mm Male to 2.92mm Male Cable 24 Inch Length Using PE-SR405FL 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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URL: http://www.pasternack.com/2.92mm-male-2.92mm-male-pe-sr405fl-cable-assembly-pe3c1377lf-24-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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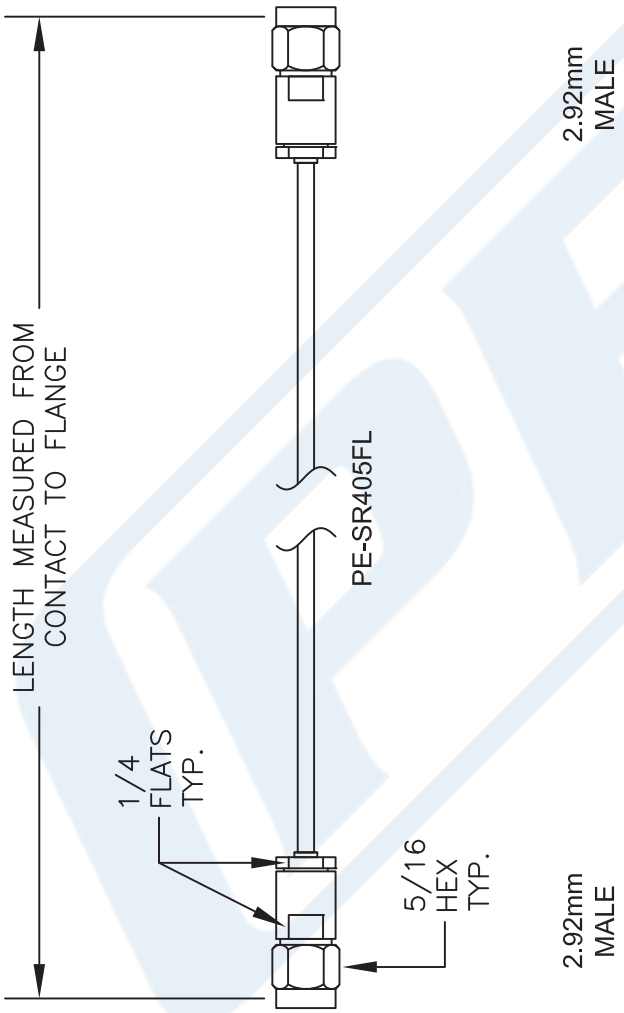
PE3C1377LF-24 CAD Drawing

2.92mm Male to 2.92mm Male Cable 24 Inch Length Using PE-SR405FL 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 ± 1.5% OR 3/8", WHICHEVER IS GREATER.

CAD FILE 050216 | SCALE N/A | SIZE A | 2233

DWG TITLE **PE3C1377**

FSCM NO. 53919

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