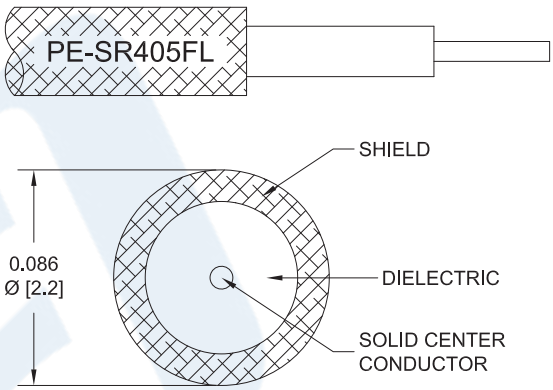
PASTERNACK
an INFINITE brand

2.92mm Male to 2.92mm Male Cable 6 Inch Length Using PE-SR405FL Coax

RF Cable Assemblies Technical Data Sheet PE3C1377-6

Configuration

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



Features

- Max Frequency 40 GHz
- 69.5% Phase Velocity

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C1377-6 2.92mm male to 2.92mm male 6 inch cable using PE-SR405FL coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack 2.92mm to 2.92mm cable assembly has a male to male gender configuration with 50 ohm formable PE-SR405FL coax. The PE3C1377-6 2.92mm male to 2.92mm male cable assembly operates to 40 GHz.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

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 6 Inch Length Using PE-SR405FL Coax PE3C1377-6

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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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.4:1	
Return Loss			-15.563	dB
Velocity of Propagation		69.5		%
Capacitance		29 [95.14]		pF/ft [pF/m]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	5	10	20		GHz
Insertion Loss (Typ.)	0.32	0.48	0.62	0.87		dB

Mechanical Specifications

Cable Assembly

Length*	6 in [152.4 mm]
Diameter	0.312 in [7.92 mm]
Weight	0.016 lbs [7.26 g]

Cable

Cable Type	PE-SR405FL
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 Copper Braid
Outer Conductor Diameter	0.086 in [2.18 mm]

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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
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Specification	SAE-AMS-2700	SAE-AMS-2700
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

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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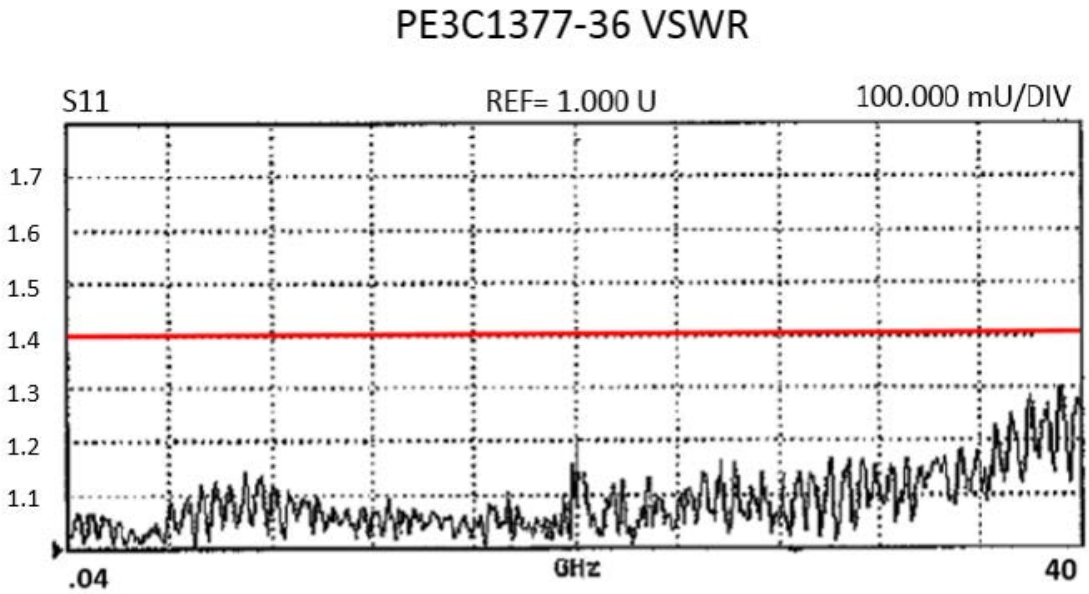
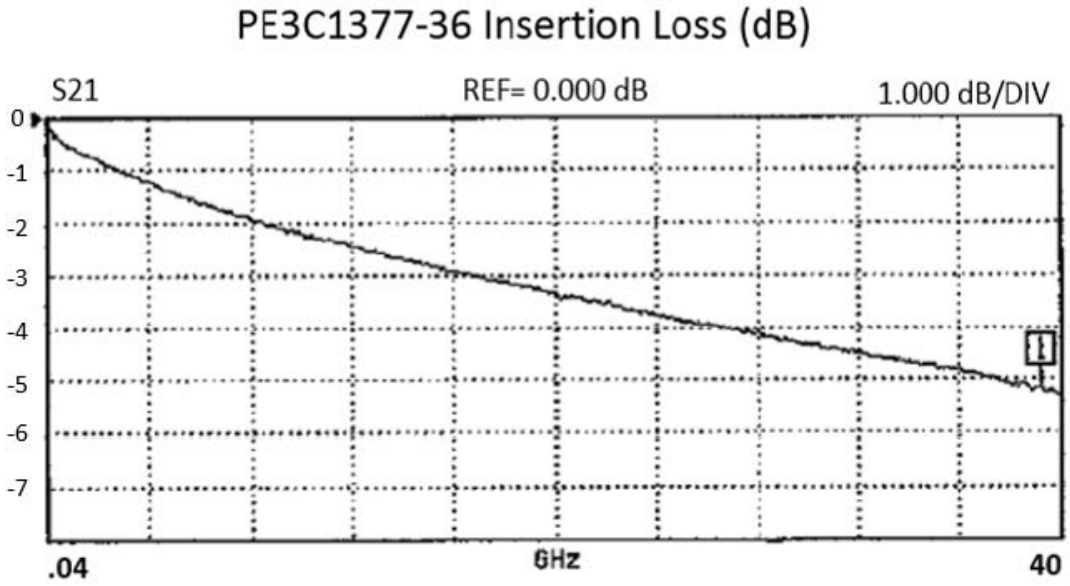
Typical Performance Data





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How to Order

Part Number Configuration: **PE3C1377 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3C1377 — Base Number

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

2.92mm Male to 2.92mm Male Cable 6 Inch Length 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 99.4% 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 6 Inch Length Using PE-SR405FL Coax PE3C1377-6

URL: https://www.pasternack.com/2.92mm-male-2.92mm-male-pe-sr405fl-cable-assembly-pe3c1377-6-p.aspx

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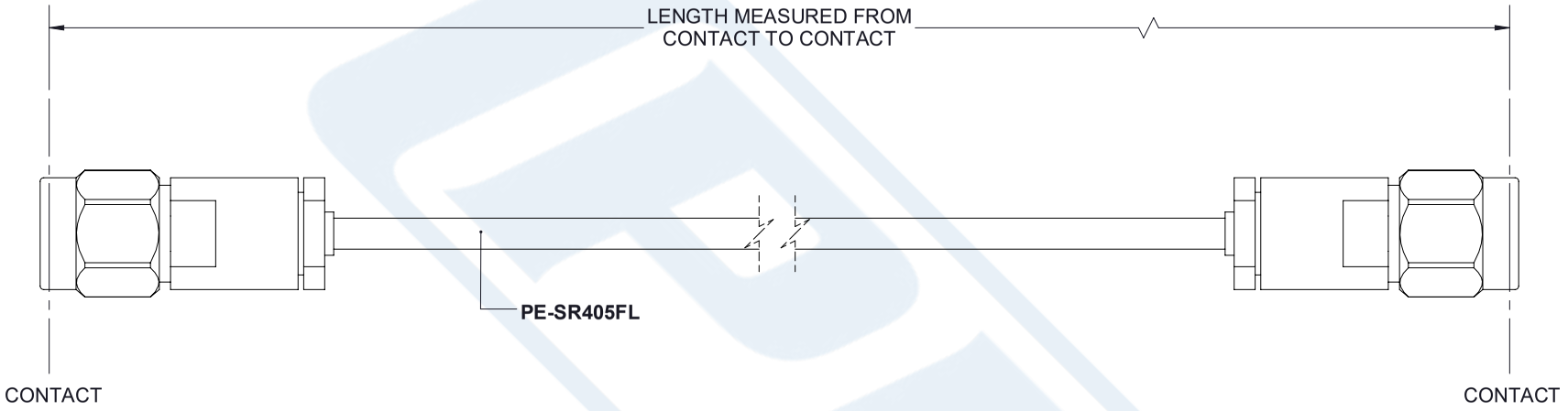
PE3C1377-6 CAD Drawing

2.92mm Male to 2.92mm Male Cable 6 Inch Length Using PE-SR405FL Coax

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	PCR PE3C1377	3/16/2021	S.ELLIS



UNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ± .2 [5.08]	FRACTIONS
.XX = ± .02 [.51]	± 1/32
.XXX = ± .005 [.13]	ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [305] = +1 [25] / -0
12 [305] < L ≤ 60 [1524] = +2 [51] / -0
60 [1524] < L ≤ 120 [3048] = +4 [102] / -0
120 [3048] < L ≤ 300 [7620] = +6 [152] / -0
300 [7620] < L = +5%L / -0

ALL DIMENSIONS SHOWN
ARE FOR REFERENCE ONLY.

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E-mail: sales@pasternack.com

THIRD-ANGLE PROJECTION

SHEET 1 OF 1

SCALE N/A

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	53919	K.DANG	PE3C1377	A