



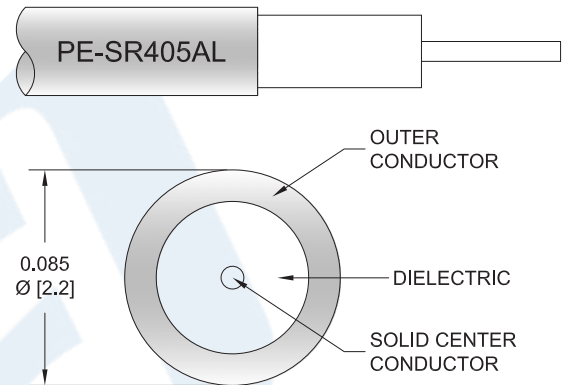
2.4mm Male to 2.4mm Female Cable Using PE-SR405AL Coax, LF Solder, RoHS

RF Cable Assemblies Technical Data Sheet

PE3W00790LF

Configuration

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



Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		40	GHz
VSWR			1.4:1	
Return Loss			-15.563	dB

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	1	10	20			GHz
Insertion Loss (Typ.)	0.23	0.81	1.31			dB/m
	0.75	2.66	4.3			dB/ft

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB per Connector.

Mechanical Specifications

Cable Assembly

Diameter 0.33 in [8.38 mm]

Cable

Cable Type PE-SR405AL

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 Female Cable Using PE-SR405AL Coax, LF Solder, RoHS PE3W-00790LF](#)





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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
Outer Conductor Diameter	0.086 in [2.18 mm]

Connectors

Description	Connector 1	Connector 2
Type	2.4mm Male	2.4mm Female
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold
Contact Plating Specification	MIL-G-45204	MIL-G-45204, Type II, Class 2
Dielectric Type	Noryl	PEI
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Specification	ASTM A380	QQ-P-35
Coupling Nut Material and Plating	Passivated Stainless Steel	
Coupling Nut Plating Specification	ASTM A380	
Hex Size	5/16 in.	
Torque	8 in-lbs [0.9 Nm]	

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8$ ", whichever is greater.

Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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RF Cable Assemblies Technical Data Sheet

PE3W00790LF

How to Order

Part Number Configuration:

PE3W00790LF - xx uu

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

Example: PE3W00790LF-12 = 12 inches long cable
PE3W00790LF-100cm = 100 cm long cable

2.4mm Male to 2.4mm Female Cable Using PE-SR405AL Coax, LF Solder, RoHS 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.

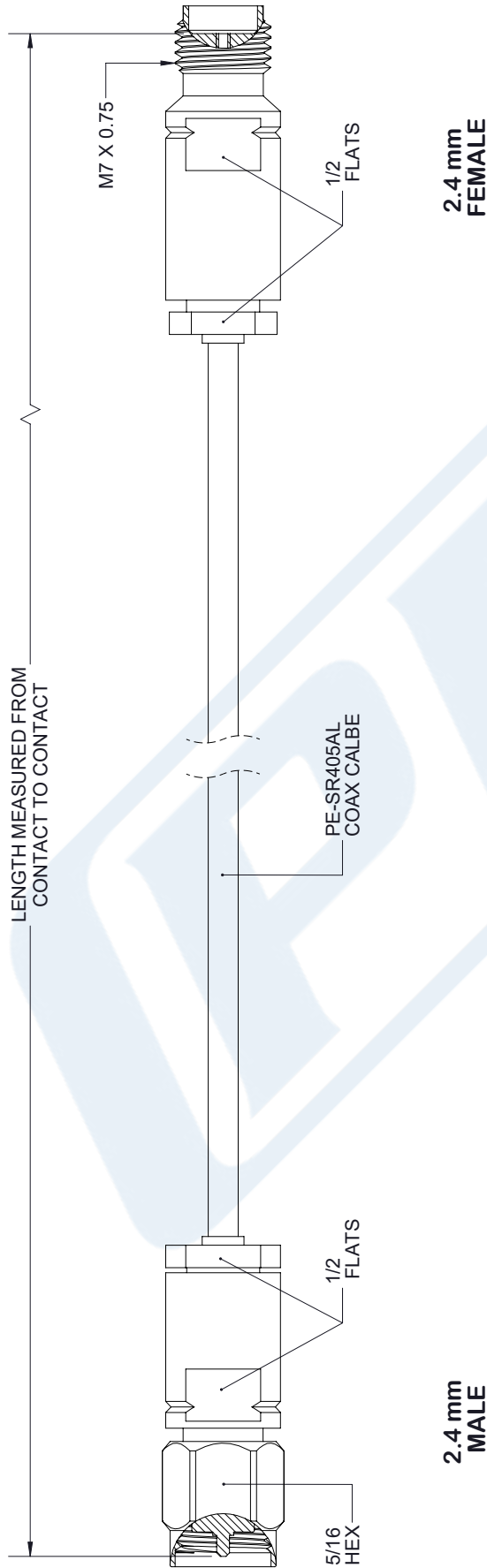
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URL: <https://www.pasternack.com/2.4mm-male-2.4mm-female-pe-sr405al-cable-assembly-pe3w00790lf-p.aspx>

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.

PE3W00790LF CAD Drawing

2.4mm Male to 2.4mm Female Cable Using PE-SR405AL Coax, LF Solder, RoHS



STANDARD TOLERANCES	
.X	±0.2
.XX	±0.01
.XXX	±0.005

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES



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DWG TITLE

PE3W00790

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].

CAGE CODE 53919

CAD FILE 092717

SCALE N/A

SIZE A

7361