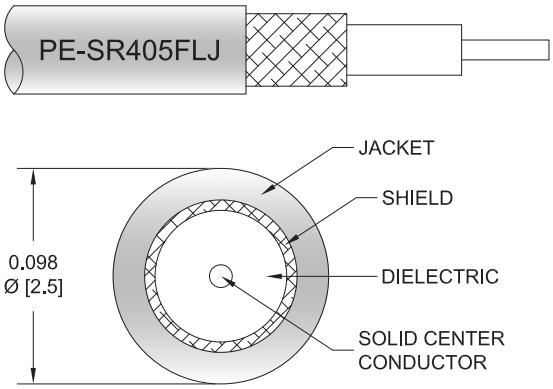
2.4mm Female to 2.4mm Female Cable Using PE-SR405FLJ Coax, LF Solder

PE3C1543LF

Configuration

- Connector 1: 2.4mm Female
- Connector 2: 2.4mm Female
- Cable Type: PE-SR405FLJ
- Coax Flex Type: Formable



Features

- Shielding Effectivity > 100 dB
- 69.5% Phase Velocity
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C1543LF 2.4mm female to 2.4mm female cable using PE-SR405FLJ 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 2.4mm to 2.4mm cable assembly has a female to female gender configuration with 50 ohm formable PE-SR405FLJ coax.

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.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Velocity of Propagation		69.5		%
RF Shielding	100			dB
Group Delay		1.43 [4.69]		ns/ft [ns/m]
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		65.7 [215.55]		Ohms/1000ft [Ohms/Km]
DC Resistance Outer Conductor		10.2 [33.46]		Ohms/1000ft [Ohms/Km]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.05 lbs [22.68 g]

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Cable

Cable Type	PE-SR405FLJ
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor 1 Material and Plating	Tinned Copper Composite Braid
Jacket Material	FEP, Black
Jacket Diameter	0.105 in [2.67 mm]
One Time Minimum Bend Radius	0.5 in [12.7 mm]
Repeated Minimum Bend Radius	0.787 in [19.99 mm]

Connectors

Description	Connector 1	Connector 2
Type	2.4mm Female	2.4mm Female
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Beryllium Copper, Gold over Nickel	Beryllium Copper, Gold over Nickel
Contact Plating Specification	50 µin minimum	50 µin minimum
Dielectric Type	PEI	PEI
Body Material and Plating	Passivated Stainless Steel	Passivated Stainless Steel
Body Plating Specification	SAE-AMS-2700	SAE-AMS-2700

Environmental Specifications

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order

Part Number Configuration: **PE3C1543LF - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3C1543LF — Base Number

Example: PE3C1543LF-12 = 12 inches long cable
PE3C1543LF-100cm = 100 cm long cable

2.4mm Female to 2.4mm Female Cable Using PE-SR405FLJ Coax, LF Solder 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: 2.4mm Female to 2.4mm Female Cable Using PE-SR405FLJ Coax, LF Solder PE3C1543LF

URL: https://www.pasternack.com/2.4mm-female-2.4mm-female-pe-sr405flj-cable-assembly-pe3c1543lf-p.aspx

PE3C1543LF CAD Drawing

2.4mm Female to 2.4mm Female Cable Using PE-SR405FLJ Coax, LF Solder