



MMCX Plug Right Angle to MMCX Plug Right Angle Cable Using PE-SR047FL Coax

TECHNICAL DATA SHEET

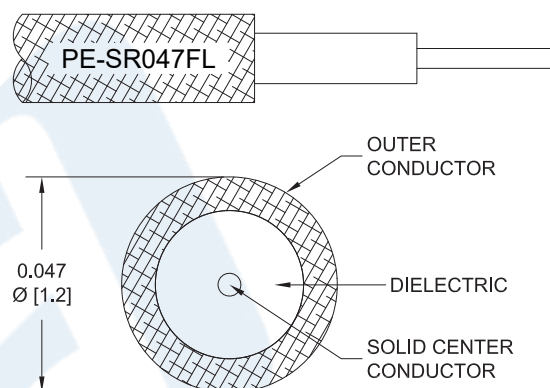
PE38763

Configuration

- Connector 1: MMCX Plug Right Angle
- Connector 2: MMCX Plug Right Angle
- Cable Type: PE-SR047FL
- Coax Flex Type: Formable

Features

- Max Frequency 6 GHz



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE38763 MMCX plug right angle to MMCX plug right angle cable using PE-SR047FL 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 MMCX to MMCX cable assembly has a plug to plug gender configuration with 50 ohm formable PE-SR047FL coax. The PE38763 MMCX plug to MMCX plug cable assembly operates to 6 GHz. The right angle MMCX interfaces on the PE-SR047FL cable allow for easier connections in tight spaces.

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: [MMCX Plug Right Angle to MMCX Plug Right Angle Cable Using PE-SR047FL Coax PE38763](#)



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Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Capacitance		32 [104.99]		pF/ft [pF/m]

Specifications by Frequency

Part Number	Length	Description	F1	F2	F3	F4	F5	Units	Weight (lbs)
		Frequency	500	1000	2500	6000	0	MHz	
PE38763	Custom Lengths Available	Insertion Loss (Typ.)	0.25	0.36	0.51	0.87	0	dB/ft	
			0.83	1.19	1.68	2.86	0	dB/m	
PE38763-6	6 inch	Insertion Loss (Typ.)	0.53	0.58	0.66	0.84	0	dB	0.01
PE38763-9	9 inch	Insertion Loss (Typ.)	0.59	0.67	0.79	1.06	0	dB	0.011
PE38763-12	12 inch	Insertion Loss (Typ.)	0.65	0.76	0.91	1.27	0	dB	0.011
PE38763-24	24 inch	Insertion Loss (Typ.)	0.9	1.12	1.42	2.14	0	dB	0.014
PE38763-36	36 inch	Insertion Loss (Typ.)	1.15	1.48	1.93	3.01	0	dB	0.017

The insertion loss data for the base model does not include loss due to the connectors. Each length includes insertion loss due to the connectors.

Loss due to Connector 1: 0.2 dB

Loss due to Connector 2: 0.2 dB

Base Weight: 0.011 pounds

Additional Weight per Inch: 0.00025 pounds

Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.2 dB per connector.

Mechanical Specifications

Cable Assembly

Weight 0.011 lbs [4.99 g]

Cable

Cable Type	PE-SR047FL
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
Jacket Diameter	0.047 in [1.19 mm]

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Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug Right Angle Push-On	MMCX Plug Right Angle Push-On
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Gold	Gold
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Gold	Brass, Gold

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

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

How to Order

Part Number Configuration:

PE38763

- **xx**

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

Example: PE38763-12 = 12 inches long cable
PE38763-100cm = 100 cm long cable

MMCX Plug Right Angle to MMCX Plug Right Angle Cable Using PE-SR047FL 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: [MMCX Plug Right Angle to MMCX Plug Right Angle Cable Using PE-SR047FL Coax PE38763](#)

URL: <https://www.pasternack.com/mmcx-plug-right-angle-to-mmcx-plug-cable-using-pe-sr047fl-pe38763-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.

