

MMCX Plug to N Female Bulkhead Cable 50 cm Length Using PE-SR047FL Coax



RF Cable Assemblies Technical Data Sheet

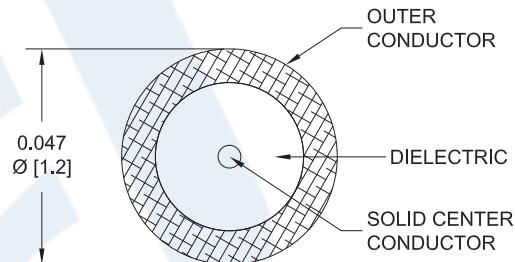
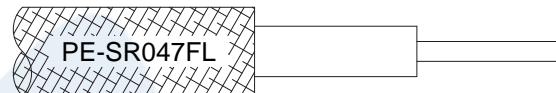
PE3W07591-50CM

Configuration

- Connector 1: MMCX Plug
- Connector 2: N Female Bulkhead
- Cable Type: PE-SR047FL

Features

- 69.5% Phase Velocity



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W07591-50CM MMCX plug to type N female bulkhead 50 cm 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 type N cable assembly has a plug to female gender configuration with 50 ohm formable PE-SR047FL coax. Our RF cable assembly with type N bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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 | | % |
| Capacitance | | 32 [104.99] | | pF/ft [pF/m] |
| DC Resistance Inner Conductor | | 207 [679.13] | | Ohms/1000ft [Ohms/Km] |
| DC Resistance Outer Conductor | | 8 [26.25] | | Ohms/1000ft [Ohms/Km] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMCX Plug to N Female Bulkhead Cable 50 cm Length Using PE-SR047FL Coax PE3W07591-50CM](#)



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Mechanical Specifications

Cable Assembly

| | |
|----------|----------------------|
| Length* | 19.68 in [499.87 mm] |
| Diameter | 0.812 in [20.62 mm] |

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 |
| Outer Conductor Material and Plating | Tinned Copper Braid |

Connectors

| Description | Connector 1 | Connector 2 |
|--------------------------------------|-------------|-------------------|
| Type | MMCX Plug | N Female Bulkhead |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Brass, Gold | Gold |
| Dielectric Type | PTFE | Teflon |
| Outer Conductor Material and Plating | | Brass, Gold |
| Body Material and Plating | Brass, Gold | Brass, Nickel |

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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How to Order

Part Number Configuration:

PE3W07591

- **xx**

uu

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

Example: PE3W07591-12 = 12 inches long cable
PE3W07591-100cm = 100 cm long cable

MMCX Plug to N Female Bulkhead Cable 50 cm Length 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.

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URL: <https://www.pasternack.com/mmcx-plug-n-female-pe-sr047fl-cable-assembly-pe3w07591-50cm-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.

PE3W07591-50CM CAD Drawing

MMCX Plug to N Female Bulkhead Cable 50 cm Length Using PE-SR047FL Coax

