



MMCX Plug to N Female Bulkhead Cable 12 Inch Length Using PE-SR047FL Coax

RF Cable Assemblies Technical Data Sheet

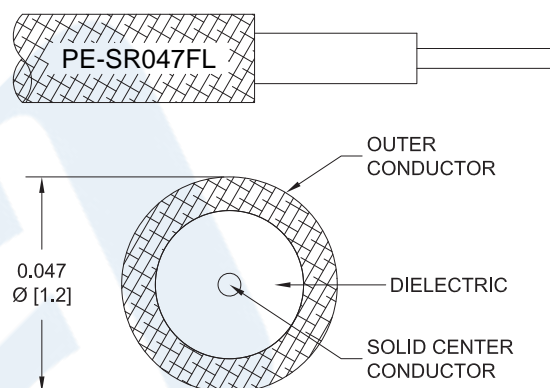
PE3W07591-12

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 PE3W07591-12 MMCX plug to type N female bulkhead 12 inch 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 12 Inch Length Using PE-SR047FL Coax PE3W07591-12](#)



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Mechanical Specifications

Cable Assembly

Length* 12 in [304.8 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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PE3W07591-12

How to Order

Part Number Configuration:

PE3W07591

- **xx**

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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 12 Inch 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.

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 12 Inch Length Using PE-SR047FL Coax PE3W07591-12](https://www.pasternack.com/mmcx-plug-n-female-pe-sr047fl-cable-assembly-pe3w07591-12-p.aspx)

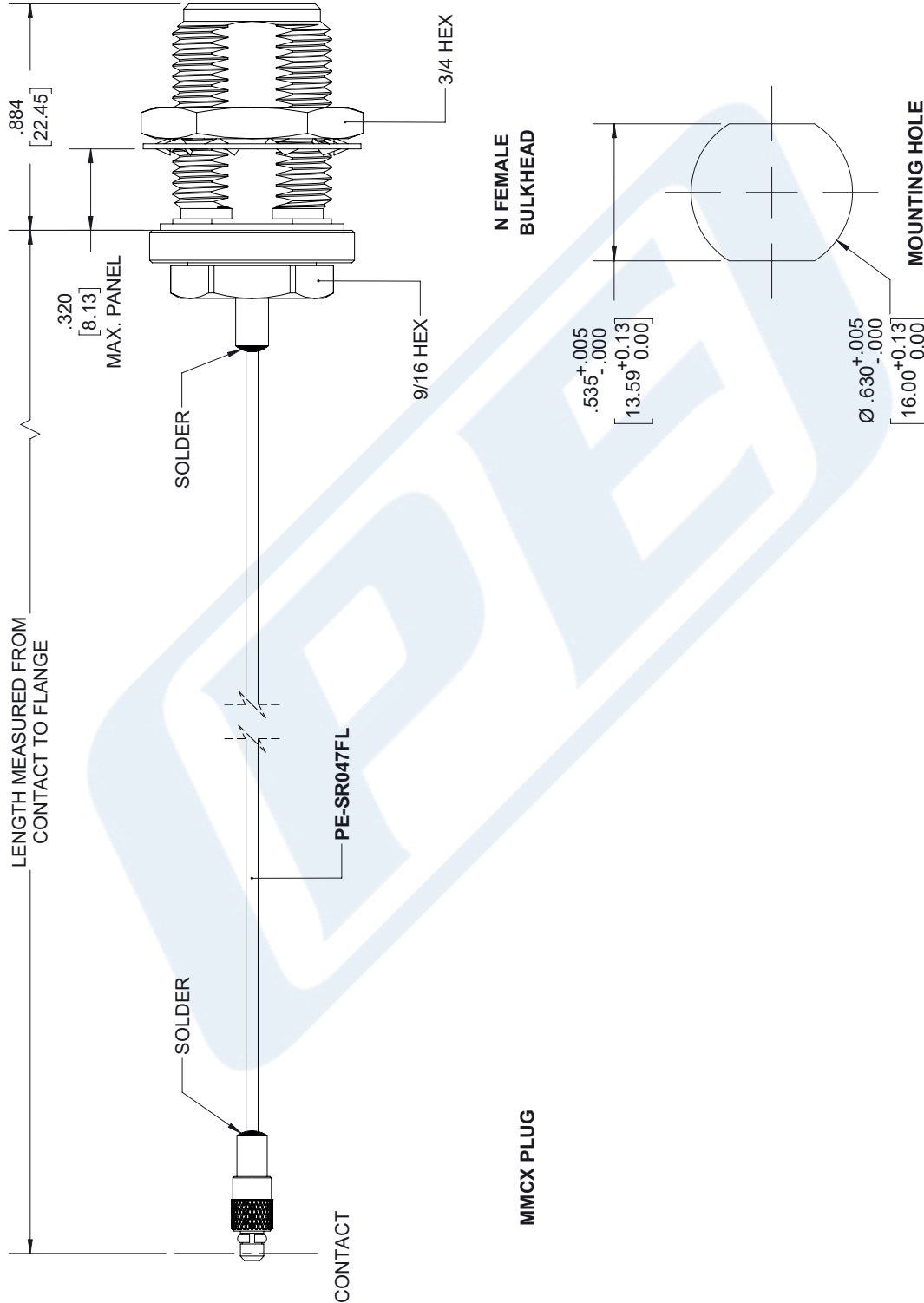
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The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. 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.

PE3W07591-12 CAD Drawing

MMCX Plug to N Female Bulkhead Cable 12 Inch Length Using PE-SR047FL Coax

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/23/19	S.ELLIS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS			
TOLERANCES:			
X±.2 [5.08]	FRACTIONS		
.XX±.01 [.25]	±1/32		
.XXX±.005 [.13]	ANGLES ±1°		
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			
THIRD-ANGLE PROJECTION			

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SIZE	CAGE	DRAWN BY	PART NUMBER
A	53919	K.DANG	PE3W07591
REV			A

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SCALE	N/A		

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