

Snap-On MMBX Plug to SMA Female Bulkhead Cable 24 Inch Length Using PE-SR405FLJ Coax



RF Cable Assemblies Technical Data Sheet

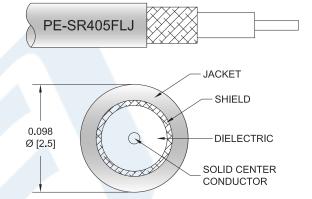
PE3C4066-24

Configuration

- Connector 1: Snap-On MMBX PlugConnector 2: SMA Female Bulkhead
- Cable Type: PE-SR405FLJ

Features

- · Max. Operating Frequency of 12.4 GHz
- Snap-On mating
- Low Profile Right Angle Configurations
- SMA Bulkhead, N Bulkhead and TNC Bulkhead Between-Series Configurations



Applications

- · General Purpose Test
- PCB Probing

- PCB Testing
- PCB-to-Panel

Description

Pasternack's MMBX cable assemblies are part of our full line of RF components available for same-day shipping. These MMBX cable assemblies are designed to connect MMBX system components or test connections, delivering signal frequencies as high as 12.4 GHz. Our family of MMBX cables can also be used to connect from PCB to panel, offering between series MMBX options with SMA Bulkhead, TNC Bulkhead and N Bulkhead assembly configurations. If none of our standard options fit your application, you can specify your own custom MMBX cable assembly using Pasternack's online Cable Creator.

Our MMBX cable assembly datasheet specifications and drawing with dimensions are shown below in this PDF. Pasternack's broad catalog of RF, microwave and millimeter wave cable assemblies allow designers to configure and customize their signal connections however they like. Whether the need is to provide an I/O for a board design, or simply create a custom cable assembly configuration, Pasternack has the right cable assemblies for the job. Pasternack can also expertly build your custom cable assemblies for you and ship same day.

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		12.4	GHz
VSWR			1.4:1	
Return Loss			-15.56	dB
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]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: Snap-On MMBX Plug to SMA Female Bulkhead Cable 24 Inch Length Using PE-SR405FLJ Coax PE3C4066-24

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623

Phone: (866) 727-8376 or (949) 261-1920 • Fax: (949) 261-7451

Sales@Pasternack.com • Techsupport@Pasternack.com



ISO 9001: 2008 Registered



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Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2.5	5	12.4	GHz
Insertion Loss (Max.)	0.49	0.59	0.78	1.12	1.74	dB

PTFE

Tinned Copper Braid

Mechanical Specifications

Cable Assembly

Length* 24 in [609.6 mm]
Diameter 0.433 in [11 mm]

Cable

Cable Type PE-SR405FLJ Impedance 50 Ohms Inner Conductor Type Solid

Inner Conductor Material and Plating Copper Clad Steel, Silver

Dielectric Type
Number of Shields
Shield Layer 1

Outer Conductor Material and Plating Tinned Copper Composite Braid

Jacket MaterialFEP, BlackJacket Diameter0.098 in [2.49 mm]

One Time Minimum Bend Radius 0.236 in [5.99 mm]
Repeated Minimum Bend Radius 0.787 in [19.99 mm]

Connectors

Description	Connector 1	Connector 2	
Туре	MMBX Plug	SMA Female Bulkhead	
Impedance	50 Ohms	50 Ohms	
Connection Method	Snap-On		
Mating Cycles	100		
Contact Material and Plating	Beryllium Copper, Gold	Beryllium Copper, Gold over Nickel	
Dielectric Type	PTFE	PTFE	
Outer Conductor Material and Plating	Brass, Gold		
Body Material and Plating	Brass, Gold	Brass, Gold over Nickel	

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Mechanical Specification Notes:

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

Environmental Specifications

Temperature

Operating Range -55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

How to Order

PE3C4066 Part Number Configuration: Unit of Measure: cm = Centimeters

dank> = Inches Length Base Number

Example: PE3C4066-12 = 12 inches long cable

PE3C4066-100cm = 100 cm long cable

Snap-On MMBX Plug to SMA Female Bulkhead Cable 24 Inch Length Using PE-SR405FLJ 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/mmbx-plug-sma-female-pe-sr405flj-cable-assembly-pe3c4066-24-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.



PE3C4066-24 CAD Drawing Snap-On MMBX Plug to SMA Female Bulkhead Cable 24 Inch Length Using PE-SR405FLJ Coax

