



MMCX Plug Right Angle to SMA Female Bulkhead Cable Using PE-SR405FL Coax

RF Cable Assemblies Technical Data Sheet

PE39422

Configuration

- Connector 1: MMCX Plug Right Angle
- Connector 2: SMA Female Bulkhead
- Cable Type: PE-SR405FL

Features

- Max Frequency 6 GHz
- 69.5% Phase Velocity

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE39422 MMCX plug right angle to SMA female bulkhead cable using PE-SR405FL 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 SMA cable assembly has a plug to female gender configuration with 50 ohm formable PE-SR405FL coax. The PE39422 MMCX plug to SMA female cable assembly operates to 6 GHz. The right angle MMCX interface on the PE-SR405FL cable allows for easier connections in tight spaces. Our RF cable assembly with SMA 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.

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 SMA Female Bulkhead Cable Using PE-SR405FL Coax PE39422](#)



MMCX Plug Right Angle to SMA Female Bulkhead Cable Using PE-SR405FL Coax

RF Cable Assemblies Technical Data Sheet

PE39422

Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		6	GHz
Velocity of Propagation		69.5		%
Capacitance		29 [95.14]		pF/ft [pF/m]
DC Resistance Inner Conductor		65.7 [215.55]		Ω /1000ft [Ω /Km]
DC Resistance Outer Conductor		10.2 [33.46]		Ω /1000ft [Ω /Km]

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.25	0.5	1	2.5	6	GHz
Insertion Loss (Max.)	0.256	0.313	0.425	0.547	0.802	dB
	0.84	1.03	1.39	1.79	2.63	
VSWR (Max.)	1.35:1					

Mechanical Specifications

Cable Assembly

Weight 0.012 lbs [5.44 g]

Cable

Cable Type PE-SR405FL
 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

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 SMA Female Bulkhead Cable Using PE-SR405FL Coax PE39422](#)



MMCX Plug Right Angle to SMA Female Bulkhead Cable Using PE-SR405FL Coax

RF Cable Assemblies Technical Data Sheet

PE39422

Connectors

Description	Connector 1	Connector 2
Type	MMCX Plug Right Angle	SMA Female Bulkhead
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Phosphor Bronze, Gold over Nickel	Beryllium Copper, Gold over Nickel
Dielectric Type	PTFE	PTFE
Body Material and Plating	Gold over Nickel	Gold over Nickel

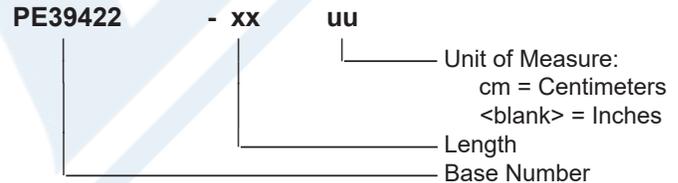
Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

How to Order

Part Number Configuration:



Example: PE39422-12 = 12 inches long cable
PE39422-100cm = 100 cm long cable

MMCX Plug Right Angle to SMA Female Bulkhead Cable Using PE-SR405FL 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.

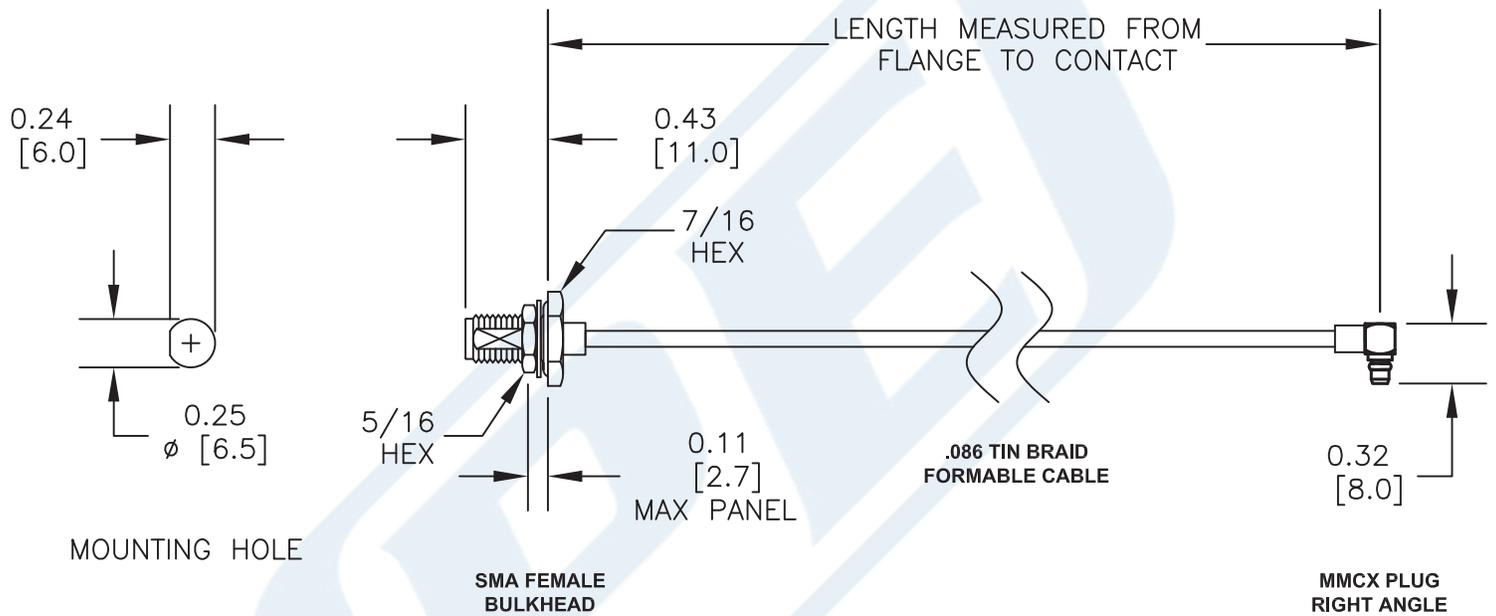
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MMCX Plug Right Angle to SMA Female Bulkhead Cable Using PE-SR405FL Coax PE39422](#)

URL: <https://www.pasternack.com/mmcx-plug-right-angle-to-sma-female-bulkhead-cable-using-pe-sr405fl-pe39422-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.

PE39422 CAD Drawing

MMCX Plug Right Angle to SMA Female Bulkhead Cable Using PE-SR405FL Coax



Note: This part is lead free.



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

Phone: (949) 261-1920 | Fax: (949) 261-7451

Website: www.pasternack.com | E-Mail: sales@pasternack.com

NOTES:

1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.
3. DIMENSIONS ARE IN INCHES [mm].
4. LENGTH TOLERANCE IS $\pm 1.5\%$ OR $3/8"$, WHICHEVER IS GREATER.

DWG TITLE

PE39422

FSCM NO. 53919

CAD FILE

XXXX15

SCALE N/A

SIZE A

XXXX