

N Female Bulkhead to MMCX Plug Right Angle Semi-Flexible Precision Cable Using PE-SR405FL Coax, RoHS



TECHNICAL DATA SHEET

PE39450

Pasternack's formable cable assemblies are hand formable semi-rigid replacements that are an alternative to costly preformed assemblies. The formable semi-rigid cable alternatives are dimensionally and electrically similar to their semi-rigid counterpart and have a tinned-copper-braid outer shield that provides excellent RF shielding. The hand formable cable assemblies from Pasternack do not require special tooling to shape or reshape the assemblies and can replace standard semi-rigid versions. The assemblies are available with or without a FEP jacket and are RoHS compliant,

Features

- Dimensionally and electrically the same as standard, solid outer conductor semi-rigid coax
- · Cable may be formed by hand and does not require special tools to bend
- · May be formed more than once without damaging the outer conductor
- High RF Shielding >100 dB
- · 100% Hi-pot and continuity tested
- 100% VSWR tested to max frequency of assembly
- Standard and custom lengths ship the same day

Configuration

Connector 1 Connector 2 Cable Type

N Female Bulkhead MMCX Plug Right Angle PE-SR405FL

Electrical Specifications

Frequency Range Impedance Velocity of Propagation DC to 6 GHz 50 Ohms 69.5 %

Performance by Frequency

Frequency 1 Frequency

Insertion Loss

250 MHz

0.256 dB/ft [0.84 dB/m]

Frequency 2 Frequency

Insertion Loss

500 MHz

0.313 dB/ft [1.03 dB/m]

Frequency 3

Frequency Insertion Loss 1000 MHz

0.425 dB/ft [1.39 dB/m]

Frequency 4

Frequency Insertion Loss 2.5 GHz

0.547 dB/ft [1.79 dB/m]

Frequency 5

Frequency

6 GHz

Insertion Loss 0.802 dB/ft [2.63 dB/m]

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: N Female Bulkhead to MMCX Plug Right Angle Semi-Flexible Precision Cable Using PE-SR405FL Coax, RoHS PE39450

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ISO 9001: 2008 Registered



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Mechanical Specifications

Size

Diameter 0.866 in [22 mm]

Cable

PE-SR405FL Cable Type

Inner Conductor Type Solid

Cable Inner Conductor Copper Clad Steel, Silver No of Shields

Dielectric Type **PTFE**

Connector 1

Type N Female Bulkhead

Configuration Straight Mount Method Bulkhead

Inner Conductor Material and Plating Phosphor Bronze, Gold

Brass, Nickel **Body Material and Plating**

Dielectric Type PTFE

Connector 2

MMCX Plug Right Angle Type

Configuration Right Angle

Inner Conductor Material and Plating Phosphor Bronze, Gold

Body Material and Plating Brass, Gold Dielectric Type **PTFE**

Compliance Certifications (visit www.Pasternack.com for current document)

RoHS Compliant

REACH Compliant 12/15/2010

Plotted and Other Data

Notes:

• Values at +25 °C, sea level

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How to Order



Example: PE39450-12 = 12 inches long cable

PE39450-100cm = 100 cm long cable

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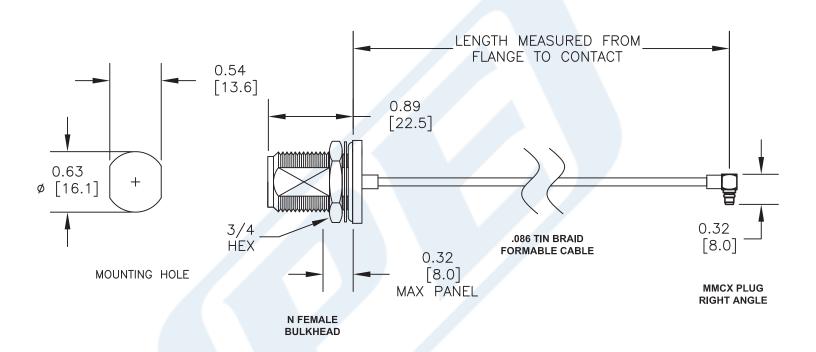
URL: http://www.pasternack.com/n-female-mmcx-plug-pe-sr405fl-cable-assembly-pe39450-p.aspx

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PE39450 CAD Drawing

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Note: This part is lead free.

