



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
Insertion Loss

6 GHz
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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Mechanical Specifications

Size

Diameter 0.866 in [22 mm]

Cable

Cable Type PE-SR405FL
Inner Conductor Type Solid
Cable Inner Conductor Copper Clad Steel, Silver
No of Shields 1
Dielectric Type PTFE

Connector 1

Type N Female Bulkhead
Configuration Straight
Mount Method Bulkhead
Inner Conductor Material and Plating Phosphor Bronze, Gold
Body Material and Plating Brass, Nickel
Dielectric Type PTFE

Connector 2

Type MMCX Plug Right Angle
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 Yes
REACH Compliant 12/15/2010

Plotted and Other Data

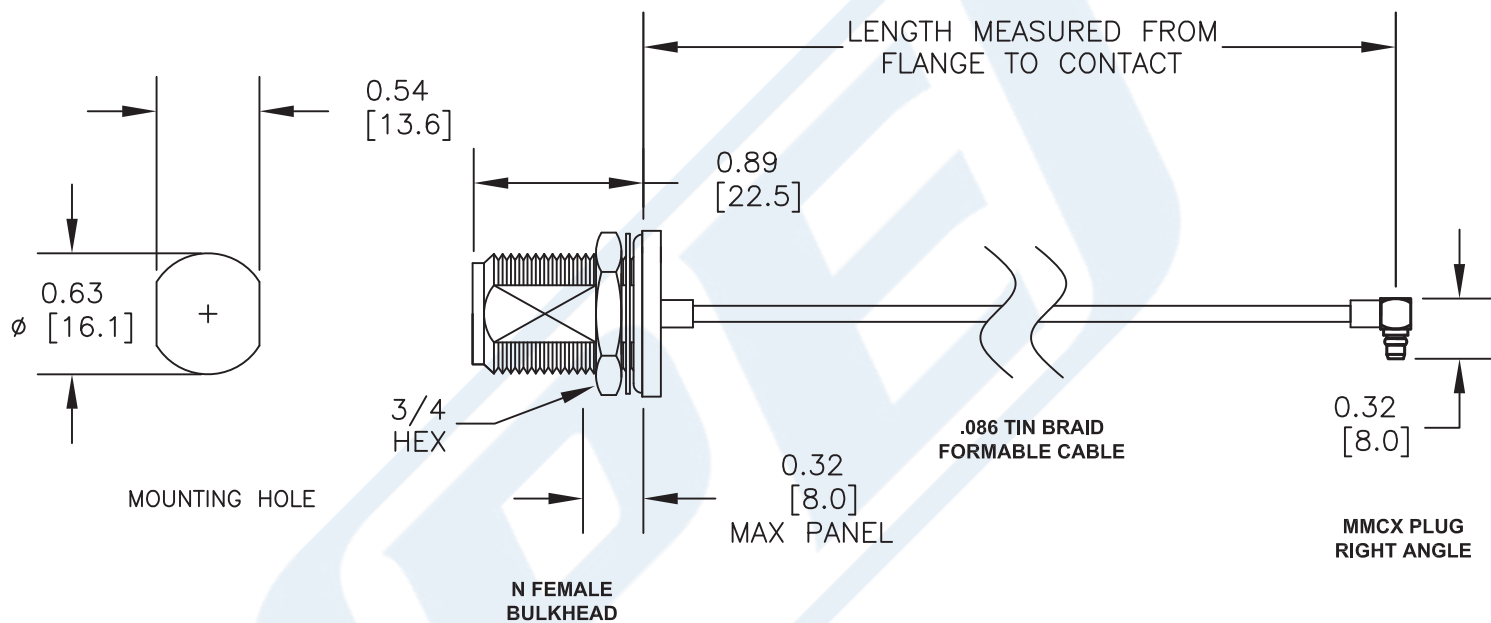
Notes:

- Values at +25 °C, sea level

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PE39450 CAD Drawing

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Precision Cable Using PE-SR405FL Coax, RoHS



Note: This part is lead free.



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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

PE39450

FSCM NO. 53919

CAD FILE

012115

SCALE N/A

SIZE A

2233