



TNC Female Bulkhead to MCX Plug Right Angle Semi-Flexible
Precision Cable 18 Inch Length Using PE-SR405FLJ Coax, RoHS

TECHNICAL DATA SHEET

PE39491-18

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

TNC Female Bulkhead
MCX Plug Right Angle
PE-SR405FLJ

Electrical Specifications

Frequency Range	DC to 6 GHz
Impedance	50 Ohms
Velocity of Propagation	69.5 %
Group Delay	1.43 ns/ft [4.69 ns/m]
RF Shielding	100 dB

Performance by Frequency

Frequency 1

Frequency	250 MHz
Insertion Loss	0.303 dB

Frequency 2

Frequency	500 MHz
Insertion Loss	0.406 dB

Frequency 3

Frequency	1000 MHz
Insertion Loss	0.493 dB

Frequency 4

Frequency	2.5 GHz
Insertion Loss	0.642 dB

Frequency 5

Frequency	6 GHz
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Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Female Bulkhead to MCX Plug Right Angle Semi-Flexible Precision Cable 18 Inch Length Using PE-SR405FLJ Coax, RoHS PE39491-18](#)



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Insertion Loss

0.955 dB

Mechanical Specifications

Size

Length

18 in [457.2 mm]

Cable Color

Black

One Time Minimum Bend Radius

0.236 in [5.99 mm]

Repeated Minimum Bend Radius

0.787 in [19.99 mm]

Cable

Cable Type

PE-SR405FLJ

Inner Conductor Type

Solid

Cable Inner Conductor

Copper Clad Steel, Silver

No of Shields

1

Dielectric Type

PTFE

Jacket Material

FEP

Jacket Diameter

0.098 in [2.49 mm]

Connector 1

Type

TNC Female Bulkhead

Configuration

Straight

Mount Method

Bulkhead

Inner Conductor Material and Plating

Beryllium Copper, Gold

Body Material and Plating

Brass, Nickel

Dielectric Type

PTFE

Connector 2

Type

MCX Plug Right Angle

Configuration

Right Angle

Inner Conductor Material and Plating

Brass, Gold

Body Material and Plating

Brass, Gold

Dielectric Type

PTFE

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

RoHS Compliant

Yes

REACH Compliant

06/18/2012

Plotted and Other Data

Notes:

- Values at +25 °C, sea level

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Part Number Configuration:

- XX

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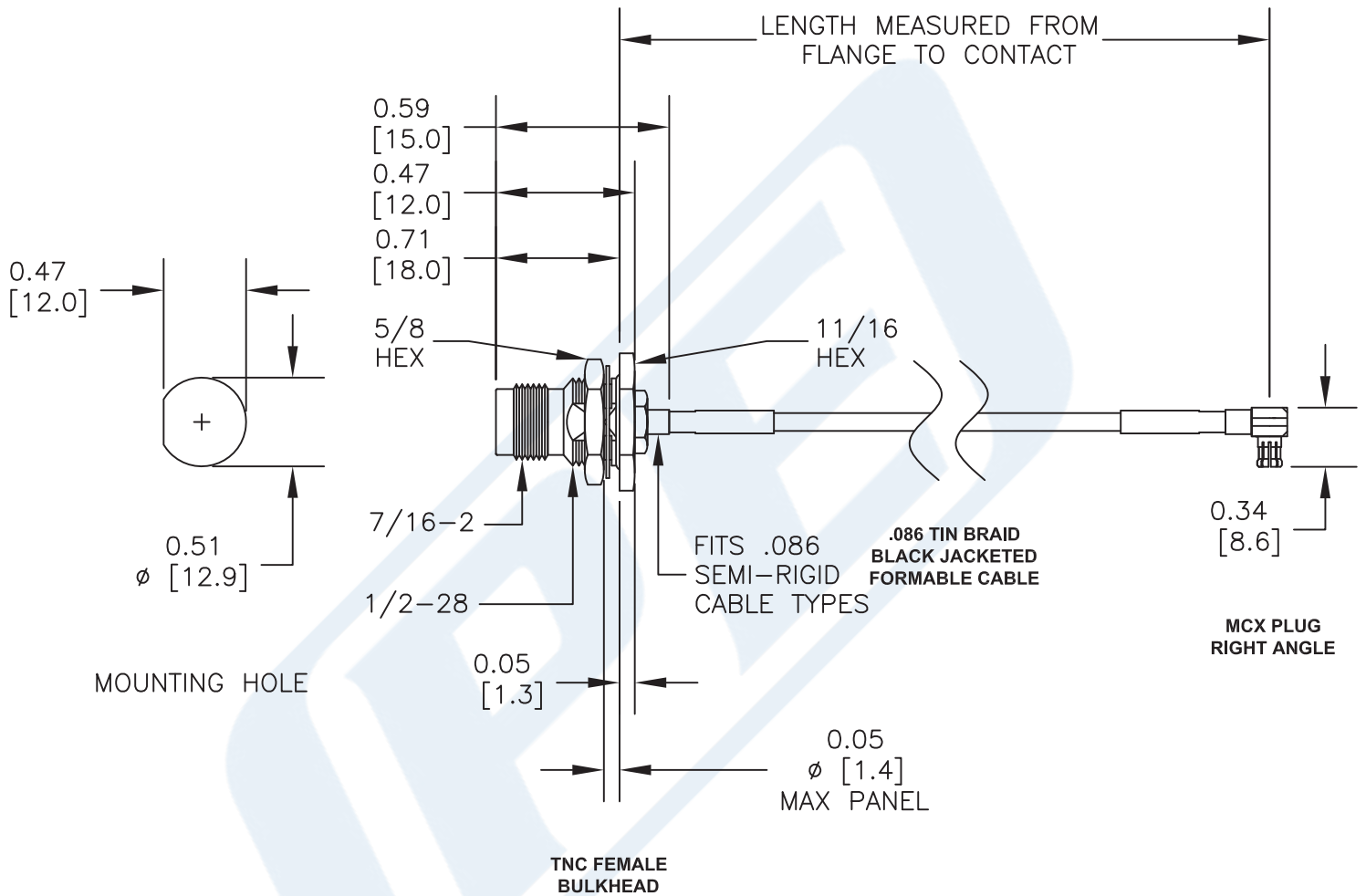
- Unit of Measure:
 - cm = Centimeters
 - <blank> = Inches
- Length
- Base Number



UL
REGISTERED FIRM
PASTERNAK ENTERPRISES, INC.
CERTIFICATE NO. 100000720000
ISSUED 08/2008

PE39491-18 CAD Drawing

TNC Female Bulkhead to MCX Plug Right Angle Semi-Flexible Precision
Cable 18 Inch Length Using PE-SR405FLJ 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

PE39491

FSCM NO. 53919

CAD FILE

012215

SCALE N/A

SIZE A

2233