PASTERNACK®
THE ENGINEER'S RF SOURCE



# SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS

## RF Cable Assemblies Technical Data Sheet PE34192LF-48

## Configuration

- Connector 1: SMA Male Right Angle
- Connector 2: SMA Female Bulkhead
- Cable Type: RG400

### 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 | | % |
| Capacitance | | 32 [104.99] | | pF/ft [pF/m] |
| Operating Voltage (AC) | | | 500 | Vrms |

### Specifications by Frequency

| Description | F1 | F2 | F3 | F4 | F5 | Units |
|---|---|---|---|---|---|---|
| Frequency | 0.5 | 1 | 2.5 | 5 | 12.4 | GHz |
| Insertion Loss (Typ.) | 0.559 | 0.788 | 1.108 | 1.64 | | dB |

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length* | 48 in [121.92 cm] |
| Diameter | 0.315 in [8 mm] |
| Weight | 0.214 lbs [97.07 g] |

**Cable**

| | |
|---|---|
| Cable Type | RG400 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Stranded |
| Inner Conductor Material and Plating | Copper, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 2 |
| Shield Layer 1 | Silver Plated Copper Braid |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS PE34192LF-48

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

© 2017 Pasternack Enterprises All Rights Reserved



# SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS



| | |
|---|---|
| Shield Layer 2 | Silver Plated Copper Braid |
| Jacket Material | FEP, Tan |
| Jacket Diameter | 0.195 in [4.95 mm] |
| One Time Minimum Bend Radius | 1 in [25.4 mm] |

**Connectors**

| Description | Connector 1 | Connector 2 |
|---|---|---|
| Type | SMA Male Right Angle | SMA Female Bulkhead |
| Specification | MIL-STD-348A | MIL-STD-348A |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Brass, Gold | Beryllium Copper, Gold |
| Contact Plating Specification | 50µ in. minimum | 50µ in. minimum |
| Dielectric Type | Teflon | Teflon |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Body Plating Specification | 100µ in. minimum | 100µ in. minimum |
| Hex Size | 5/16 in | |
| Torque | 5 in-lbs [0.57 Nm] | |

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

**Compliance Certifications** (see product page for current document)

**Plotted and Other Data**

Notes:
- Values at 25°C, sea level.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS PE34192LF-48

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

© 2017 Pasternack Enterprises All Rights Reserved

PASTERNACK®
THE ENGINEER'S RF SOURCE



# SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS



## How to Order

Part Number Configuration: **PE34192LF - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE34192LF — Base Number

Example: PE34192LF-12 = 12 inches long cable
PE34192LF-100cm = 100 cm long cable

SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS 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: SMA Male Right Angle to SMA Female Bulkhead Cable 48 Inch Length Using RG400 Coax, RoHS PE34192LF-48

URL: https://www.pasternack.com/sma-male-sma-female-rg400u-cable-assembly-pe34192lf-48-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.

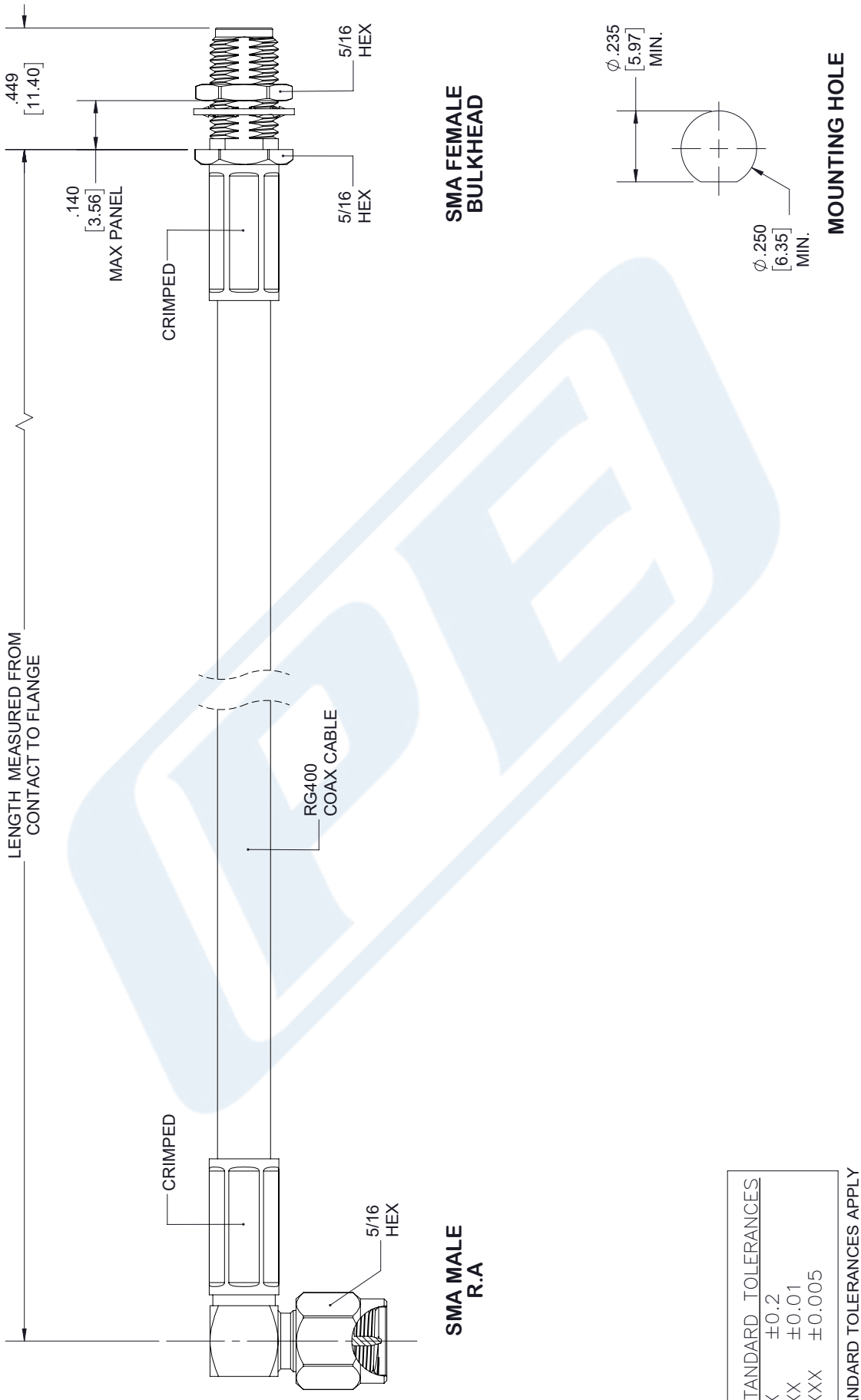
Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
Sales@Pasternack.com • Techsupport@Pasternack.com

ISO 9001 : 2008 Registered

© 2017 Pasternack Enterprises All Rights Reserved

# PE34192LF-48 CAD Drawing

SMA Male Right Angle to SMA Female Bulkhead Cable
48 Inch Length Using RG400 Coax, RoHS




| STANDARD TOLERANCES |
|---|
| .X ±0.2 |
| .XX ±0.01 |
| .XXX ±0.005 |

*STANDARD TOLERANCES APPLY ONLY TO DIMENSIONS IN INCHES

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].

DWG TITLE: PE34192LF

CAD FILE 101217 | SCALE N/A | SIZE A | 7361

CAGE CODE 53919


PASTERNACK®
THE ENGINEER'S RF SOURCE
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


© 2017 Pasternack Enterprises All Rights Reserved