PASTERNACK®
THE ENGINEER'S RF SOURCE

SMA Male to SMA Female Bulkhead Cable
48 Inch Length Using RG316 Coax



# RF Cable Assemblies - PE3835-48

## Configuration

- Connector 1: SMA Male
- Connector 2: SMA Female Bulkhead
- Cable Type: RG316

### Electrical Specifications

| Description | Minimum | Typical | Maximum | Units |
|---|---|---|---|---|
| Capacitance | | 32 [104.99] | | pF/ft [pF/m] |

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length | 48 in [121.92 cm] |
| Diameter | 0.312 in [7.92 mm] |
| Weight | 0.025 lbs [11.34 g] |
| Cable Color | Tan |
| Connection Type | In-Series |

**Cable**

| | |
|---|---|
| Cable Type | RG316 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Stranded |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Silver Plated Copper Braid |
| Jacket Material | FEP |
| Jacket Diameter | 0.098 in [2.49 mm] |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: SMA Male to SMA Female Bulkhead Cable 48 Inch Length Using RG316 Coax PE3835-48

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

| Description | Connector 1 | Connector 2 |
|---|---|---|
| Type | SMA Male | SMA Female Bulkhead |
| Specification | MIL-STD-348A | |
| Impedance | 50 Ohms | 50 Ohms |
| Connection Method | Standard | Standard |
| Contact Material and Plating | Brass, Gold | Gold |
| Contact Plating Specification | 30µ in. Minimum | |
| Dielectric Type | PTFE | |
| Coupling Nut Material and Plating | Brass, Nickel | |
| Coupling Nut Plating Specification | 100µ in. Minimum | |
| Hex Size | 5/16 in | |
| Torque | 5 in-lbs [0.57 Nm] | [ ] |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Body Plating Specification | 100µ in. Minimum | |

## Environmental Specifications

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

For RoHS Compliant version, use PE3835LF-48. Contact Pasternack if product cannot be found.
REACH Compliant 06/18/2012

## Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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## How to Order

Part Number Configuration: **PE3835 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE3835 — Base Number

Example: PE3835-12 = 12 inches long cable
PE3835-100cm = 100 cm long cable

SMA Male to SMA Female Bulkhead Cable 48 Inch Length Using RG316 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% 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 to SMA Female Bulkhead Cable 48 Inch Length Using RG316 Coax PE3835-48

URL: http://www.pasternack.com/sma-male-sma-female-rg316u-cable-assembly-pe3835-48-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.

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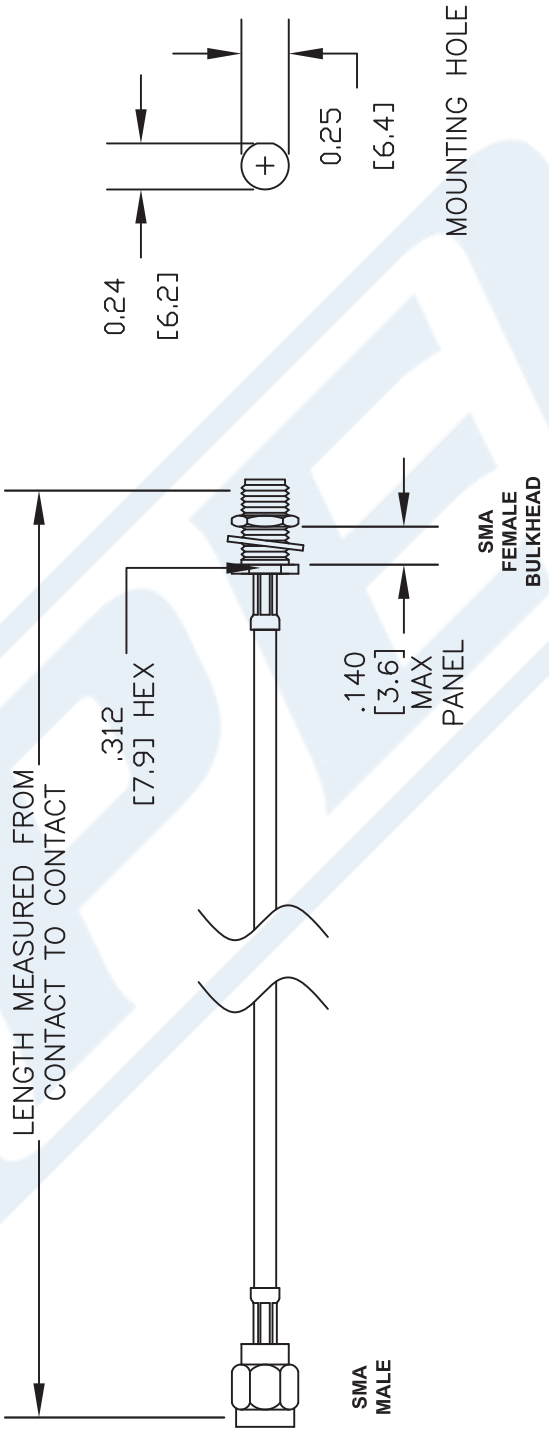
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# PE3835-48 CAD Drawing

SMA Male to SMA Female Bulkhead Cable 48 Inch Length Using RG316 Coax

| Standard Lengths | |
|---|---|
| -12 | 12" |
| -24 | 24" |
| -36 | 36" |
| -48 | 48" |
| -60 | 60" |
| -XXX | Custom Length 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].
4. LENGTH TOLERANCE IS ± 1.5% OR 3/8", WHICHEVER IS GREATER.

DWG TITLE
**PE3835-XX**

| REV. A | FSCM NO. 53919 | CAD FILE 120708 | SCALE N/A | SIZE A | 127 |
|---|---|---|---|---|---|


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