



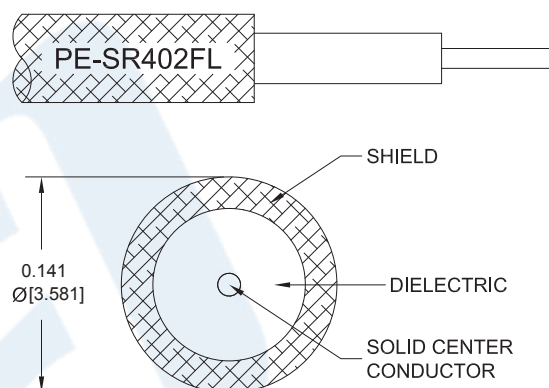
## SMA Male to SMA Female Cable 60 Inch Length Using PE-SR402FL Coax

### RF Cable Assemblies Technical Data Sheet

PE3443-60

#### Configuration

- Connector 1: SMA Male
- Connector 2: SMA Female
- Cable Type: PE-SR402FL



#### Electrical Specifications

| Description             | Minimum | Typical     | Maximum | Units        |
|-------------------------|---------|-------------|---------|--------------|
| Frequency Range         | DC      |             | 18      | GHz          |
| VSWR                    |         |             | 1.4:1   |              |
| Return Loss             |         |             | 15.56   | dB           |
| Velocity of Propagation |         | 69.5        |         | %            |
| RF Shielding            | 100     |             |         | dB           |
| Group Delay             |         | 1.43 [4.69] |         | ns/ft [ns/m] |
| Capacitance             |         | 29 [95.14]  |         | pF/ft [pF/m] |

#### Specifications by Frequency

| Description           | F1    | F2    | F3    | F4    | F5    | Units |
|-----------------------|-------|-------|-------|-------|-------|-------|
| Frequency             | 1     | 2     | 4.5   | 9     | 18    | GHz   |
| Insertion Loss (Typ.) | 0.794 | 0.996 | 1.499 | 2.164 | 3.181 | dB    |

#### Mechanical Specifications

##### Cable Assembly

|          |                     |
|----------|---------------------|
| Length*  | 60 in [152.4 cm]    |
| Diameter | 0.315 in [8 mm]     |
| Weight   | 0.148 lbs [67.13 g] |

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 Cable 60 Inch Length Using PE-SR402FL Coax PE3443-60](#)



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#### Cable

|                                      |                     |
|--------------------------------------|---------------------|
| Cable Type                           | PE-SR402FL          |
| Impedance                            | 50 Ohms             |
| Inner Conductor Type                 | Solid               |
| Inner Conductor Material and Plating | Copper, Silver      |
| Dielectric Type                      | PTFE                |
| Number of Shields                    | 1                   |
| Shield Layer 1                       | Tinned Copper Braid |
| One Time Minimum Bend Radius         | 0.315 in [8 mm]     |
| Repeated Minimum Bend Radius         | 1.57 in [39.88 mm]  |

#### Connectors

| Description                        | Connector 1           | Connector 2            |
|------------------------------------|-----------------------|------------------------|
| Type                               | SMA Male              | SMA Female             |
| Specification                      | MIL-STD-348A          | MIL-STD-348            |
| Impedance                          | 50 Ohms               | 50 Ohms                |
| Contact Material and Plating       | Brass, Gold           | Beryllium Copper, Gold |
| Contact Plating Specification      | 50µ in. minimum       | MIL-G-45204            |
| Dielectric Type                    | Teflon                | Teflon                 |
| Body Material and Plating          | Stainless Steel, Gold | Stainless Steel, Gold  |
| Body Plating Specification         | 10µ in. minimum       | MIL-G-45204            |
| 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]    |                        |

Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8$ ", whichever is greater.

**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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RF Cable Assemblies Technical Data Sheet

PE3443-60

**How to Order**

Part Number Configuration:

PE3443

- xx

uu

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

Example: PE3443-12 = 12 inches long cable  
 PE3443-100cm = 100 cm long cable

SMA Male to SMA Female Cable 60 Inch Length Using PE-SR402FL Coax 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 to SMA Female Cable 60 Inch Length Using PE-SR402FL Coax PE3443-60](#)

URL: <https://www.pasternack.com/sma-male-sma-female-pe-sr402fl-cable-assembly-pe3443-60-p.aspx>

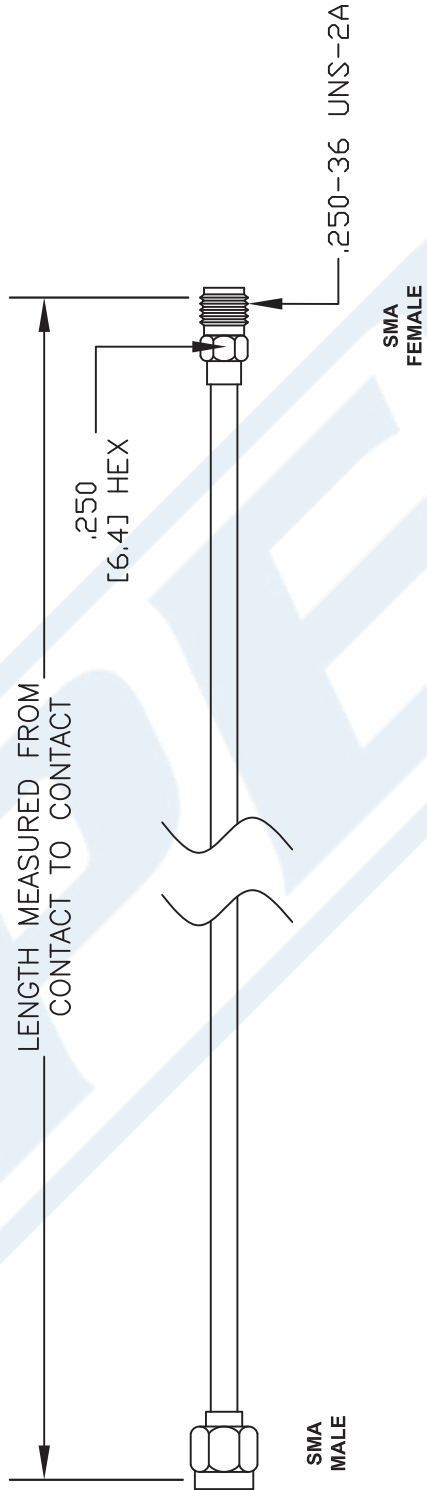
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such 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.



# PE3443-60 CAD Drawing

SMA Male to SMA Female Cable 60 Inch Length Using PE-SR402FL 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  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

DWG TITLE  
**PE3443-XX**

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|        |                |                 |           |        |     |
|--------|----------------|-----------------|-----------|--------|-----|
| REV. A | FSCM NO. 53919 | CAD FILE 021308 | SCALE N/A | SIZE A | 127 |
|--------|----------------|-----------------|-----------|--------|-----|