



75 Ohm SMC Plug to 75 Ohm BNC Male Cable 60 Inch  
Length Using 75 Ohm PE-B159-BK Black Coax

## RF Cable Assemblies Technical Data Sheet

PE39260/BK-60

### Configuration

- Connector 1: SMC Plug
- Connector 2: BNC Male
- Cable Type: MINI 59

### Features

- 83% Phase Velocity
- Double Shielded
- PVC Jacket

### Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE39260/BK-60 75 ohm SMC plug to 75 ohm BNC male 60 inch cable using 75 ohm PE-B159-BK coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack SMC to BNC cable assembly has a plug to male gender configuration with 75 ohm flexible MINI 59 coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

Custom versions of most RF cable assemblies can be built and shipped same day. Custom cable assembly lengths can be obtained by specifying the desired length on the web site at time of order or by contacting a sales representative. Other available RF cable assembly value added services include connector orientation or clocking, heat shrink booting and custom labeling. RF testing can also be performed to document the electrical performance of your cable assembly.

### Electrical Specifications

| Description             | Minimum | Typical      | Maximum | Units        |
|-------------------------|---------|--------------|---------|--------------|
| Velocity of Propagation |         | 83           |         | %            |
| Capacitance             |         | 16.5 [54.13] |         | pF/ft [pF/m] |

### Mechanical Specifications

#### Cable Assembly

|          |                     |
|----------|---------------------|
| Length*  | 60 in [152.4 cm]    |
| Diameter | 0.57 in [14.48 mm]  |
| Weight   | 0.1175 lbs [53.3 g] |

#### Cable

|                      |         |
|----------------------|---------|
| Cable Type           | MINI 59 |
| Impedance            | 75 Ohms |
| Inner Conductor Type | Solid   |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm SMC Plug to 75 Ohm BNC Male Cable 60 Inch Length Using 75 Ohm PE-B159-BK Black Coax PE39260/BK-60](#)



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|                                      |                     |
|--------------------------------------|---------------------|
| Inner Conductor Material and Plating | Copper              |
| Dielectric Type                      | PE (F)              |
| Number of Shields                    | 2                   |
| Shield Layer 1                       | Aluminum Tape       |
| Shield Layer 2                       | Tinned Copper Braid |
| Jacket Material                      | PVC, Black          |
| Jacket Diameter                      | 0.159 in [4.04 mm]  |
| One Time Minimum Bend Radius         | 1.5 in [38.1 mm]    |

### Connectors

| Description                       | Connector 1        | Connector 2   |
|-----------------------------------|--------------------|---------------|
| Type                              | SMC Plug           | BNC Male      |
| Impedance                         | 75 Ohms            | 75 Ohms       |
| Contact Material and Plating      | Gold               | Brass, Gold   |
| Dielectric Type                   | PTFE               | Teflon        |
| Body Material and Plating         | Brass, Nickel      | Brass, Nickel |
| Coupling Nut Material and Plating | Brass, Nickel      | Brass, Nickel |
| Hex Size                          | 3/8 in             |               |
| Torque                            | 5 in-lbs [0.57 Nm] |               |

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

### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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**PE39260/BK-60**

### How to Order

Part Number Configuration:

**PE39260/BK**

- **xx**

**uu**

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

Example: PE39260/BK-12 = 12 inches long cable  
PE39260/BK-100cm = 100 cm long cable

75 Ohm SMC Plug to 75 Ohm BNC Male Cable 60 Inch Length Using 75 Ohm PE-B159-BK Black 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: [75 Ohm SMC Plug to 75 Ohm BNC Male Cable 60 Inch Length Using 75 Ohm PE-B159-BK Black Coax PE39260/BK-60](#)

URL: <https://www.pasternack.com/smc-plug-bnc-male-pe-b159-bk-cable-assembly-pe39260-bk-60-p.aspx>

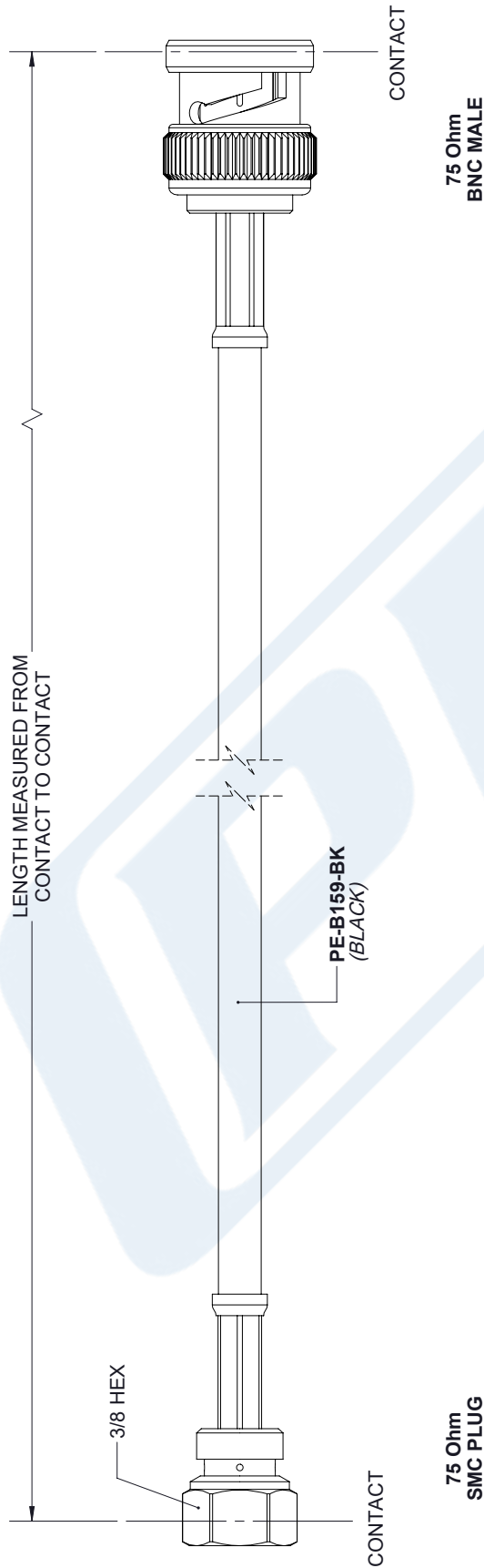
The information contained in this document is accurate to the best of our knowledge and representative of the part described herein. It may be necessary to make modifications to the part and/or the documentation of the part, in order to implement improvements. Pasternack reserves the right to make such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

# PE39260/BK-60 CAD Drawing

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| REVISIONS |                 |           |          |
|-----------|-----------------|-----------|----------|
| REV.      | DESCRIPTION     | DATE      | APPROVED |
| A         | INITIAL RELEASE | 6/17/2020 | SELLIS   |



UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

.X = ± .2 [ .08 ] FRACTIONS  
.XX = ± .02 [ .51 ] ± 1/32  
.XXX = ± .005 [ .13 ] ANGLES ± 1°

CABLE LENGTH (L) TOLERANCES:

L ≤ 12 [ 305 ] = +1 [ 25 ] / -0  
12 [ 305 ] < L ≤ 60 [ 1524 ] = +2 [ 51 ] / -0  
60 [ 1524 ] < L ≤ 120 [ 3048 ] = +4 [ 102 ] / -0  
120 [ 3048 ] < L ≤ 300 [ 7620 ] = +6 [ 152 ] / -0  
300 [ 7620 ] < L = +5% L / -0

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

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SIZE A CAGE CODE 53919 DRAWN BY K.DANG ITEM NO. PE39260/BK

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