

SMA Male Right Angle to SMA Male Right Angle Cable Using PE-C240 Coax



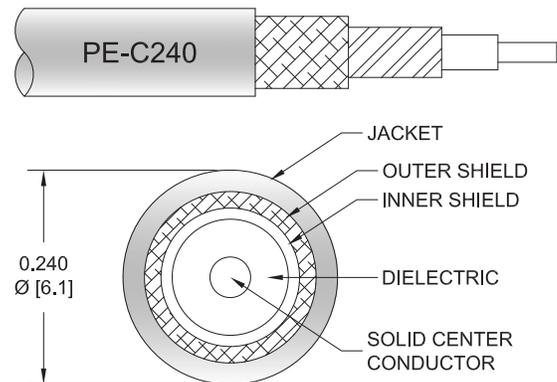
PE38920

Configuration

- Connector 1: SMA Male Right Angle
- Connector 2: SMA Male Right Angle
- Cable Type: PE-C240
- Coax Flex Type: Flexible

Features

- Shielding Effectivity > 90 dB
- 84% Phase Velocity
- Double Shielded
- PE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE38920 SMA male right angle to SMA male right angle cable using PE-C240 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 SMA to SMA cable assembly has a male to male gender configuration with 50 ohm flexible PE-C240 coax. The right angle SMA interfaces on the PE-C240 cable allow for easier connections in tight spaces. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 dB.

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 | | 84 | | % |
| RF Shielding | 90 | | | dB |
| Capacitance | | 24.2 [79.4] | | pF/ft [pF/m] |

Mechanical Specifications

Cable Assembly

| | |
|----------------|--------------------|
| Width/Diameter | 0.379 in [9.63 mm] |
| Weight | 0.02 lbs [9.07 g] |

Cable

| | |
|------------|---------|
| Cable Type | PE-C240 |
| Impedance | 50 Ohms |

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| | |
|--------------------------------------|---------------------|
| Inner Conductor Type | Solid |
| 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 | PE, Black |
| Jacket Diameter | 0.24 in [6.1 mm] |
| One Time Minimum Bend Radius | 0.752 in [19.1 mm] |
| Repeated Minimum Bend Radius | 2.5 in [63.5 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|-----------------------------------|----------------------|----------------------|
| Type | SMA Male Right Angle | SMA Male Right Angle |
| Impedance | 50 Ohms | 50 Ohms |
| Configuration | Right Angle | Right Angle |
| Contact Material and Plating | Brass, Gold | Brass, Gold |
| Dielectric Type | Teflon | Teflon |
| Body Material and Plating | Brass, Gold | Brass, Gold |
| Coupling Nut Material and Plating | Brass, Gold | Brass, Gold |
| Hex Size | 5/16 in | 5/16 in |
| Torque | 5 in-lbs 0.57 Nm | 5 in-lbs 0.57 Nm |

Environmental Specifications

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

Plotted and Other Data

Notes:

Values at 25°C, sea level.

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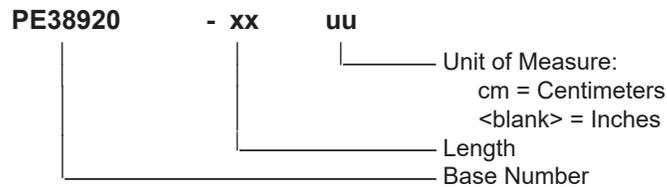


PE38920

Typical Performance Data

How to Order

Part Number Configuration:



Example: PE38920-12 = 12 inches long cable
PE38920-100cm = 100 cm long cable

SMA Male Right Angle to SMA Male Right Angle Cable Using PE-C240 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 Right Angle to SMA Male Right Angle Cable Using PE-C240 Coax PE38920](#)

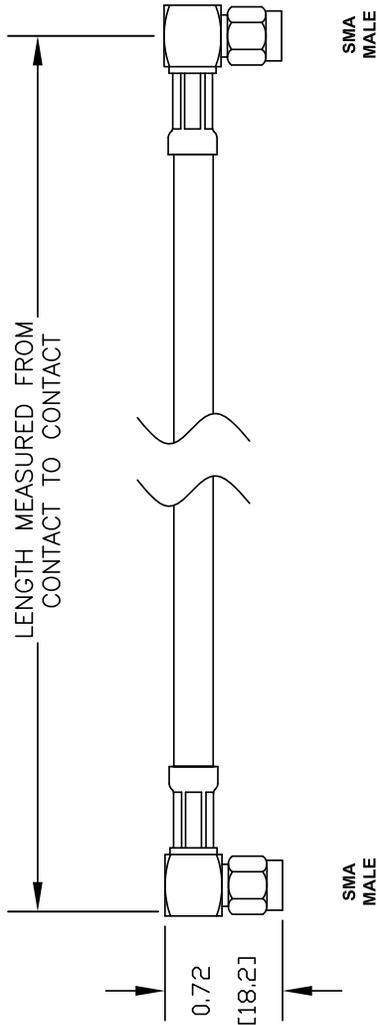
URL: <https://www.pasternack.com/sma-male-sma-male-pe-c240-cable-assembly-pe38920-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE38920 CAD Drawing

SMA Male Right Angle to SMA Male Right Angle Cable Using PE-C240 Coax

| Standard Lengths | |
|------------------|-------------------------|
| -12 | 12" |
| -24 | 24" |
| -36 | 36" |
| -48 | 48" |
| -60 | 60" |
| -XXX | Custom Length in Inches |



DWG TITLE

PE38920-XX

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 $3/16"$, WHICHEVER IS GREATER.

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REV. -

FSCM NO. 53919

CAD FILE 082411

SCALE N/A

SIZE A

2231