

## 75 Ohm SMC Jack to 75 Ohm BNC Male Cable Using 75 Ohm RG179 Coax



### PE3C3190

#### Configuration

- Connector 1: SMC Jack
- Connector 2: BNC Male
- Cable Type: RG179
- Coax Flex Type: Flexible

#### Features

- FEP Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C3190 75 ohm SMC jack to 75 ohm BNC male cable using 75 ohm RG179 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 jack to male gender configuration with 75 ohm flexible RG179 coax.

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
Capacitance		23 [75.46]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.045 lbs [20.41 g]

##### Cable

Cable Type RG179  
 Impedance 75 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, Tan  
 Jacket Diameter 0.1 in [2.54 mm]

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**Connectors**

Description	Connector 1	Connector 2
Type	SMC Jack	BNC Male
Specification	MIL-STD-348	
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Gold	Brass, Gold
Contact Plating Specification	MIL-G-45204	30 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin minimum

**Environmental Specifications**

Operating Range Temperature -55 to +165 deg C

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

**Plotted and Other Data**

Notes:

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#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C3190**

- **xx**

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Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C3190-12 = 12 inches long cable  
PE3C3190-100cm = 100 cm long cable

75 Ohm SMC Jack to 75 Ohm BNC Male Cable Using 75 Ohm RG179 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 Jack to 75 Ohm BNC Male Cable Using 75 Ohm RG179 Coax PE3C3190](https://www.pasternack.com/75-ohm-smc-jack-to-75-ohm-bnc-male-cable-using-rg179-pe3c3190-p.aspx)

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# PE3C3190 CAD Drawing

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