

## BNC Male to 20KV Male Cable Using RG213 Coax



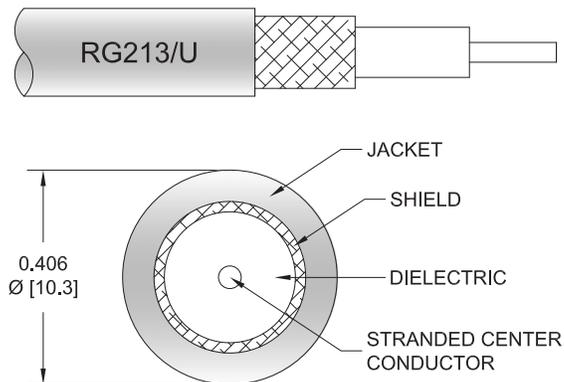
### PE3W16720

#### Configuration

- Connector 1: BNC Male
- Connector 2: 20KV Male
- Cable Type: RG213
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- PVC Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W16720 50 ohm BNC male to 20KV male cable using RG213 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 BNC to 20KV cable assembly has a male to male gender configuration with 50 ohm flexible RG213 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
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.155 lbs [70.31 g]

##### Cable

Cable Type	RG213
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper
Dielectric Type	PE
Number of Shields	1

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Shield Layer 1	Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.405 in [10.29 mm]
Repeated Minimum Bend Radius	1.6 in [40.64 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	BNC Male	20KV Male
Specification	MIL-STD-348A	MIL-STD-202
Impedance	50 Ohms	
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold over nickel over copper
Contact Plating Specification	30 µin minimum	
Dielectric Type	PTFE	PE (HD)
Body Material and Plating	Brass, Nickel	Brass, Tinned Copper
Body Plating Specification	100 µin minimum	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Tinned copper
Coupling Nut Plating Specification	100 µin minimum	

#### Environmental Specifications

Operating Range Temperature	-25 to +70 deg C
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**Compliance Certifications** (see [product page](#) for current document)

#### Plotted and Other Data

Notes:

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### PE3W16720

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3W16720**

- **xx**

**uu**

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3W16720-12 = 12 inches long cable  
PE3W16720-100cm = 100 cm long cable

BNC Male to 20KV Male Cable Using RG213 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: [BNC Male to 20KV Male Cable Using RG213 Coax PE3W16720](https://www.pasternack.com/bnc-male-to-20kv-male-cable-using-rg213-pe3w16720)

URL: <https://www.pasternack.com/bnc-male-to-20kv-male-cable-using-rg213-pe3w16720-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 impliment 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.

# PE3W16720 CAD Drawing

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