

## HN Male to SHV Plug Cable Using RG223 Coax



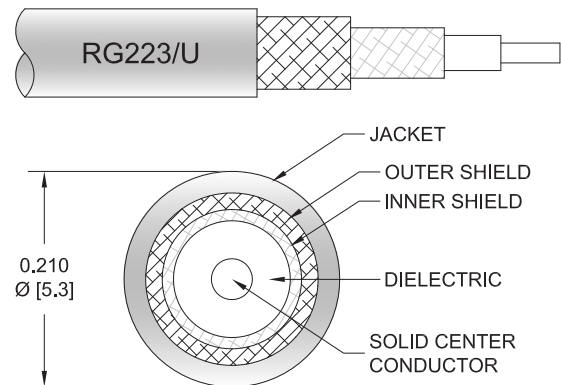
### PE3C0661

#### Configuration

- Connector 1: HN Male
- Connector 2: SHV Plug
- Cable Type: RG223
- Coax Flex Type: Flexible

#### Features

- Max Frequency 300 MHz
- 66% Phase Velocity
- Double Shielded
- PVC Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C0661 HN male to SHV plug cable using RG223 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 HN to SHV cable assembly has a male to plug gender configuration with 50 ohm flexible RG223 coax. The PE3C0661 HN male to SHV plug cable assembly operates to 300 MHz. 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
Frequency Range	DC		300	MHz
VSWR			1.4:1	
Velocity of Propagation		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.152 lbs [68.95 g]

##### Cable

Cable Type RG223  
Impedance 50 Ohms  
Inner Conductor Type Solid

## HN Male to SHV Plug Cable Using RG223 Coax



### PE3C0661

Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.21 in [5.33 mm]
One Time Minimum Bend Radius	1 in [25.4 mm]

### Connectors

Description	Connector 1	Connector 2
Type	HN Male	SHV Plug
Specification	MIL-STD-348A	
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	30 µin minimum
Dielectric Type	PTFE	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	100 µin minimum
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100 µin minimum	

### Environmental Specifications

Operating Range Temperature	-40 to +80 deg C
-----------------------------	------------------

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

### Plotted and Other Data

Notes:  
Values at 25°C, sea level.

## HN Male to SHV Plug Cable Using RG223 Coax



### PE3C0661

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C0661**

**- xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches

Length

Base Number

Example: PE3C0661-12 = 12 inches long cable  
PE3C0661-100cm = 100 cm long cable

HN Male to SHV Plug Cable Using RG223 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: [HN Male to SHV Plug Cable Using RG223 Coax PE3C0661](#)

URL: <https://www.pasternack.com/hn-male-to-shv-plug-cable-using-rg223-pe3c0661-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.

PE3C0661 CAD Drawing
HN Male to SHV Plug Cable Using RG223 Coax

