

## MHV Female Bulkhead to MHV Female Bulkhead Cable Using RG223 Coax



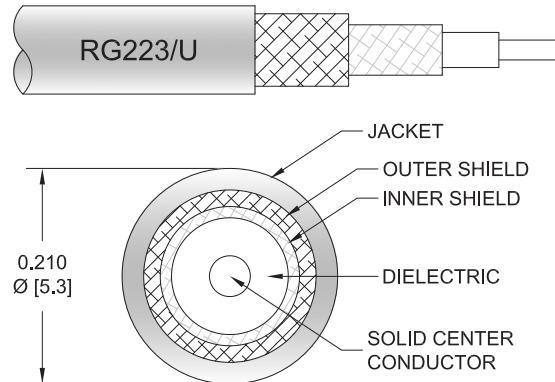
### PE3W01553

#### Configuration

- Connector 1: MHV Female Bulkhead
- Connector 2: MHV Female Bulkhead
- Cable Type: RG223
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W01553 MHV female bulkhead to MHV female bulkhead 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 MHV to MHV cable assembly has a female to female gender configuration with 50 ohm flexible RG223 coax. Our RF cable assembly with MHV bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications. 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		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### Mechanical Specifications

Cable Assembly	
Width/Diameter	0.5 in [12.7 mm]
Weight	0.151 lbs [68.49 g]
Cable	
Cable Type	RG223
Impedance	50 Ohms
Inner Conductor Type	Solid

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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	0.21 in [5.33 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

### Connectors

Description	Connector 1	Connector 2
Type	MHV Female Bulkhead	MHV Female Bulkhead
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Body Material and Plating	Brass, Nickel	Brass, Nickel

### Environmental Specifications

**Compliance Certifications** (see product page for current document)

### Plotted and Other Data

Notes:

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### PE3W01553

#### Typical Performance Data

#### How to Order

Part Number Configuration:

PE3W01553 - xx uu

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

Length

Base Number

Example: PE3W01553-12 = 12 inches long cable  
PE3W01553-100cm = 100 cm long cable

MHV Female Bulkhead to MHV Female Bulkhead 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: [MHV Female Bulkhead to MHV Female Bulkhead Cable Using RG223 Coax PE3W01553](#)

URL: <https://www.pasternack.com/mhv-female-bulkhead-to-mhv-female-bulkhead-cable-using-rg223-pe3w01553-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.

# PE3W01553 CAD Drawing

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