

SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG223 Coax



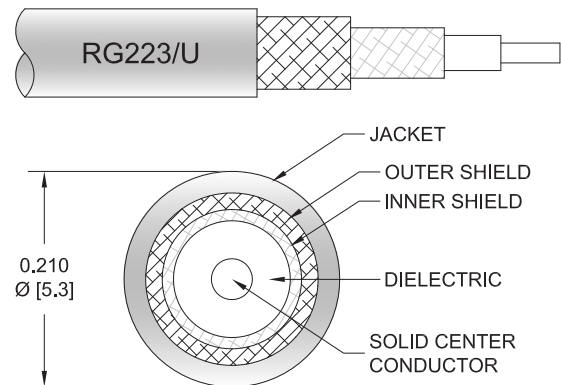
PE3C5293

Configuration

- Connector 1: SHV Jack Bulkhead
- Connector 2: SHV Jack Bulkhead
- Cable Type: RG223
- Coax Flex Type: Flexible

Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C5293 SHV jack bulkhead to SHV jack 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 SHV to SHV cable assembly has a jack to jack gender configuration with 50 ohm flexible RG223 coax. Our RF cable assembly with SHV 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]
Operating Voltage (AC)			1,900	Vrms

Mechanical Specifications

Cable Assembly

Weight 0.169 lbs [76.66 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	0.209 in [5.31 mm]
Repeated Minimum Bend Radius	1 in [25.4 mm]

Connectors

Description	Connector 1	Connector 2
Type	SHV Jack Bulkhead	SHV Jack Bulkhead
Specification	MIL-STD-348	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Silver	Brass, Silver
Contact Plating Specification	ASTM-B700	ASTM-B700
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	ASTM-B689	ASTM-B689

Environmental Specifications

Operating Range Temperature	-40 to +80 deg C
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Compliance Certifications (see [product page](#) for current document)

Plotted and Other Data

Notes:

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PE3C5293

Typical Performance Data

How to Order

Part Number Configuration:

PE3C5293

- xx

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C5293-12 = 12 inches long cable
PE3C5293-100cm = 100 cm long cable

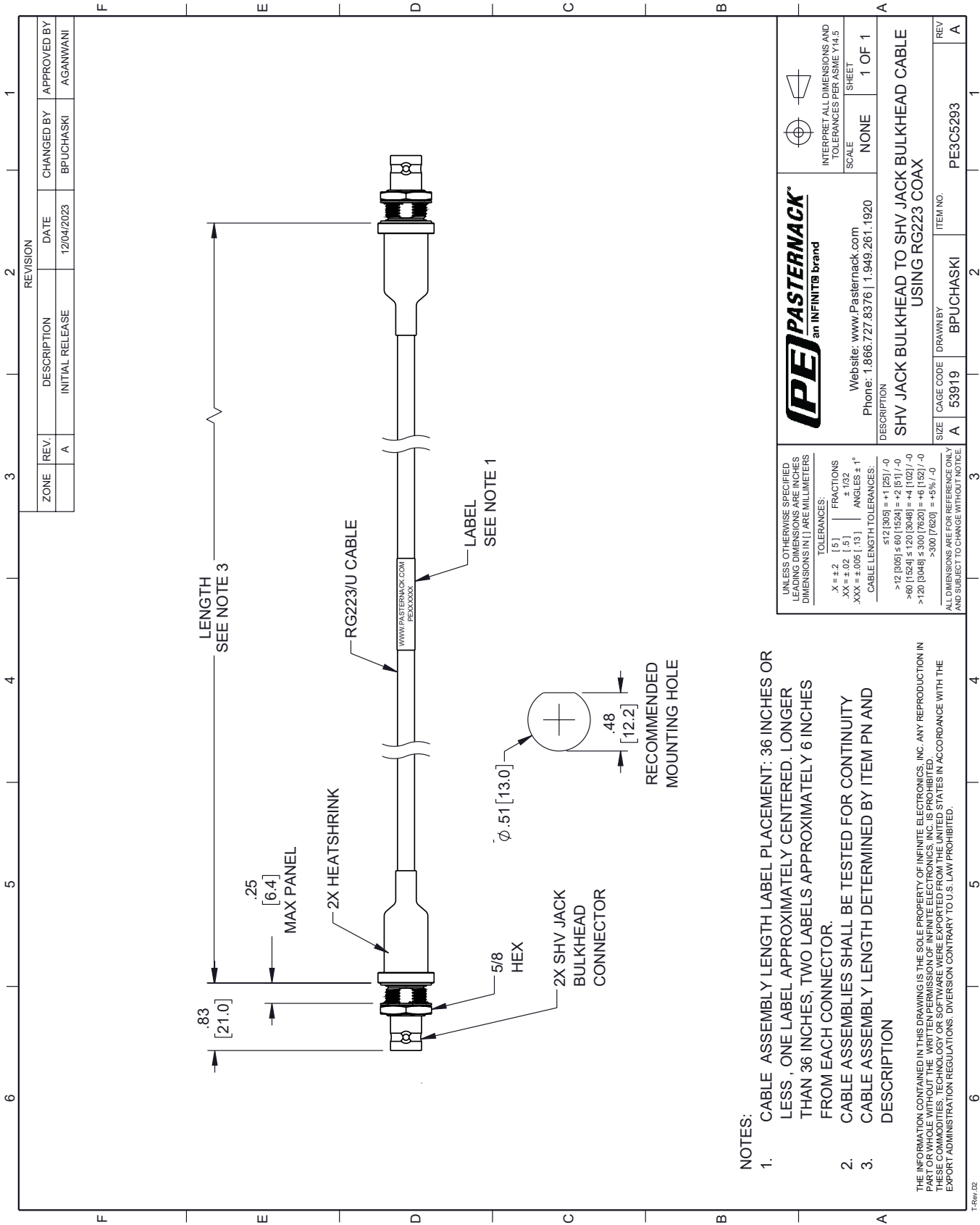
SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG223 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG223 Coax PE3C5293](#)

URL: <https://www.pasternack.com/shv-jack-bulkhead-to-shv-jack-bulkhead-cable-using-rg223-pe3c5293-p.aspx>

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PE3C5293 CAD Drawing
SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG223 Coax



- NOTES:
- 1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
 - 2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY
 - 3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION

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