



## SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG188 Coax In 100 CM Length

### RF Cable Assemblies Technical Data Sheet

**PE3W11838-100CM**

#### Configuration

- Connector 1: SHV Jack Bulkhead
- Connector 2: SHV Jack Bulkhead
- Cable Type: RG188

#### Features

- PTFE Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W11838-100CM SHV jack bulkhead to SHV jack bulkhead 39.37 inch cable using RG188 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 RG188 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.

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.

|                                      |       |      |
|--------------------------------------|-------|------|
| Dielectric Withstanding Voltage (AC) | 2,000 | Vrms |
|--------------------------------------|-------|------|

#### Mechanical Specifications

##### Cable Assembly

|         |                     |
|---------|---------------------|
| Length* | 39.37 in [100 cm]   |
| Weight  | 0.176 lbs [79.83 g] |

##### Cable

|                                      |                            |
|--------------------------------------|----------------------------|
| Cable Type                           | RG188                      |
| Impedance                            | 50 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                      | PTFE, White                |
| Jacket Diameter                      | 0.11 in [2.79 mm]          |

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 RG188 Coax In 100 CM Length PE3W11838-100CM](#)



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**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           |
| Contact Material and Plating         | Brass, Silver     | Brass, Silver     |
| Dielectric Type                      | PTFE              | PTFE              |
| Outer Conductor Material and Plating | Brass, Nickel     | Brass, Nickel     |
| Body Material and Plating            | Brass, Nickel     | Brass, Nickel     |

**Environmental Specifications**

**Temperature**

Operating Range -55 to +165 deg C

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

**Plotted and Other Data**

Notes:

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**PE3W11838-100CM**

#### How to Order

Part Number Configuration:

**PE3W11838**

- **xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3W11838-12 = 12 inches long cable  
PE3W11838-100cm = 100 cm long cable

SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG188 Coax In 100 CM Length 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 RG188 Coax In 100 CM Length PE3W11838-100CM](#)

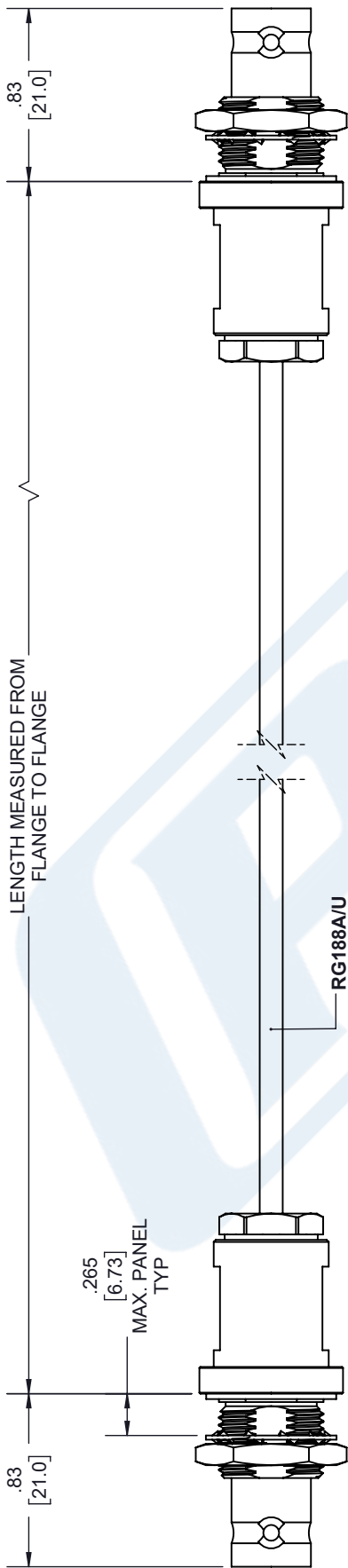
URL: <https://www.pasternack.com/shv-jack-bulkhead-to-shv-jack-bulkhead-cable-39.37-iAch-leAgth-usiAg-rg188-pe3w11838-100cm-p.aspx>

The information contained in 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 reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack does not assume any liability arising out of the use of any part or documentation.

# PE3W11838-100CM CAD Drawing

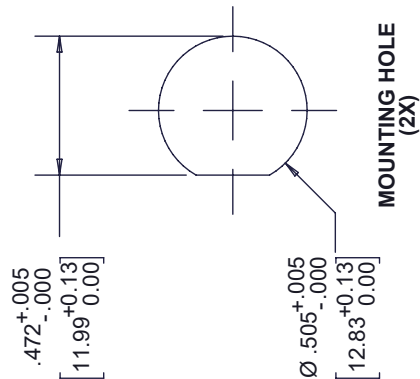
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| REVISIONS |                 |           |            |
|-----------|-----------------|-----------|------------|
| REV.      | DESCRIPTION     | DATE      | APPROVED   |
| A         | INITIAL RELEASE | 11/8/2021 | A. GANWANI |



SHV JACK  
BULKHEAD

SHV JACK  
BULKHEAD



UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:

| SIZE          | FRACTIONS | ANGLES      |
|---------------|-----------|-------------|
| X = ± .2      | [.008]    | ± 1/32      |
| .XX = ± .02   | [.51]     | ANGLES ± 1° |
| .XXX = ± .005 | [.13]     |             |

CABLE LENGTH (L) TOLERANCES:

| L                           | TOLERANCES     |
|-----------------------------|----------------|
| L ≤ 12 [305]                | ± 1 [25] / -0  |
| 12 [305] < L ≤ 60 [1524]    | ± 2 [51] / -0  |
| 60 [1524] < L ≤ 120 [3048]  | ± 4 [102] / -0 |
| 120 [3048] < L ≤ 300 [7620] | ± 6 [152] / -0 |
| 300 [7620] < L              | ± 5% / -0      |

ALL DIMENSIONS SHOWN  
ARE FOR REFERENCE ONLY.

**PASTERNAK**  
an INFINITE brand

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THIRD-ANGLE PROJECTION

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SHEET 1 OF 1

SCALE N/A

SIZE A

CAGE CODE 53919

DRAWN BY K.DANG

ITEM NO. PE3W11838

REV A