



SHV Jack Bulkhead to SHV Jack Bulkhead Cable Using RG188 Coax In 48 Inch Length

RF Cable Assemblies Technical Data Sheet

PE3W11838-48

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 PE3W11838-48 SHV jack bulkhead to SHV jack bulkhead 48 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
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Mechanical Specifications

Cable Assembly

Length*	48 in [121.92 cm]
Weight	0.184 lbs [83.46 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 48 Inch Length PE3W11838-48](#)



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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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How to Order

Part Number Configuration:

PE3W11838

- **xx**

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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 48 Inch 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 48 Inch Length PE3W11838-48](#)

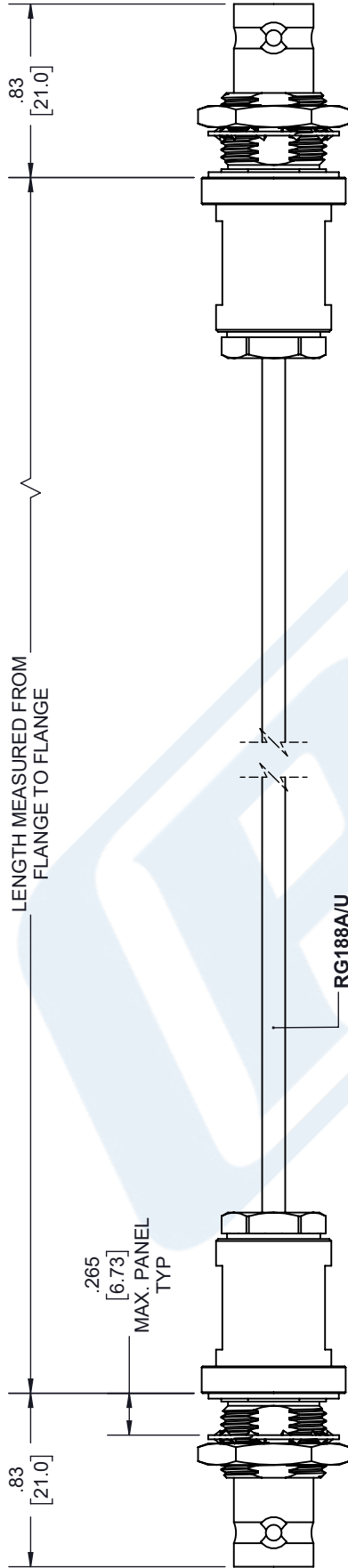
URL: <https://www.pasternack.com/shv-jack-bulkhead-to-shv-jack-bulkhead-cable-48-inch-length-using-rg188-pe3w11838-48-p.aspx>

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.

PE3W11838-48 CAD Drawing

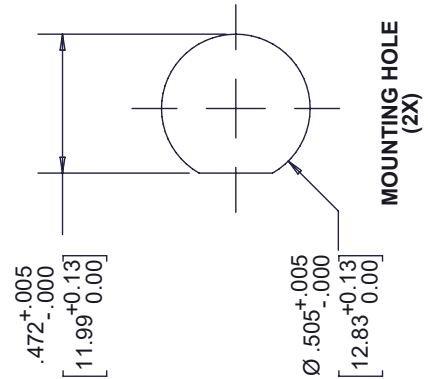
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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	11/8/2021	A. GANWANI



SHV JACK
BULKHEAD

SHV JACK
BULKHEAD



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS	
TOLERANCES:	FRACTIONS
X = ± .2	[.008]
.XX = ± .02	[.51]
.XXX = ± .005	[.13]
ANGLES ± 1°	
CABLE LENGTH (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.	

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SIZE	ITEM NO.
A	53919
CAGE CODE	DRAWN BY
53919	K.DANG
SCALE	REV
N/A	A
SHEET	OF
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THIRD-ANGLE PROJECTION	
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