

SHV Plug Right Angle to SHV Plug Cable Using 75 Ohm RG11 Coax



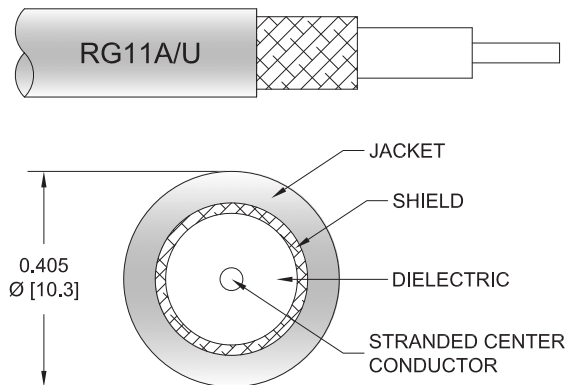
PE3W15933

Configuration

- Connector 1: SHV Plug Right Angle
- Connector 2: SHV Plug
- Cable Type: RG11
- Coax Flex Type: Flexible

Features

- Max Frequency 0.3 MHz
- Shielding Effectivity > 45 dB
- 66% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W15933 SHV plug right angle to SHV plug cable using 75 ohm RG11 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 plug to plug gender configuration with 75 ohm flexible RG11 coax. The PE3W15933 SHV plug to SHV plug cable assembly operates to 0.3 MHz. The right angle SHV interface on the RG11 cable allows for easier connections in tight spaces.

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	GHz
VSWR			1.4:1	
Velocity of Propagation		66		%
RF Shielding	45			dB
Capacitance		20.5 [67.26]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Width/Diameter

0.5 in [12.7 mm]

Weight

0.205 lbs [92.99 g]

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Cable

Cable Type	RG11
Impedance	75 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Copper Braid
Jacket Material	PVC, Black
Jacket Diameter	0.405 in [10.29 mm]
Repeated Minimum Bend Radius	4.5 in [114.3 mm]

Connectors

Description	Connector 1	Connector 2
Type	SHV Plug Right Angle	SHV Plug
Specification	MIL-STD-348A	MIL-STD-348B
Impedance	50 Ohms	50 Ohms
Configuration	Right Angle	Straight
Contact Material and Plating	Brass, Gold over Nickel over copper	Brass, Gold over Nickel over copper
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Tinned Copper	Brass, Tinned Copper
Coupling Nut Material and Plating	Brass, Tinned Copper	Brass, Tinned Copper
Seal Gasket Material	Silicone	

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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PE3W15933

Typical Performance Data

How to Order

Part Number Configuration:

PE3W15933

- XX

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

- Length

- Base Number

Example: PE3W15933-12 = 12 inches long cable
PE3W15933-100cm = 100 cm long cable

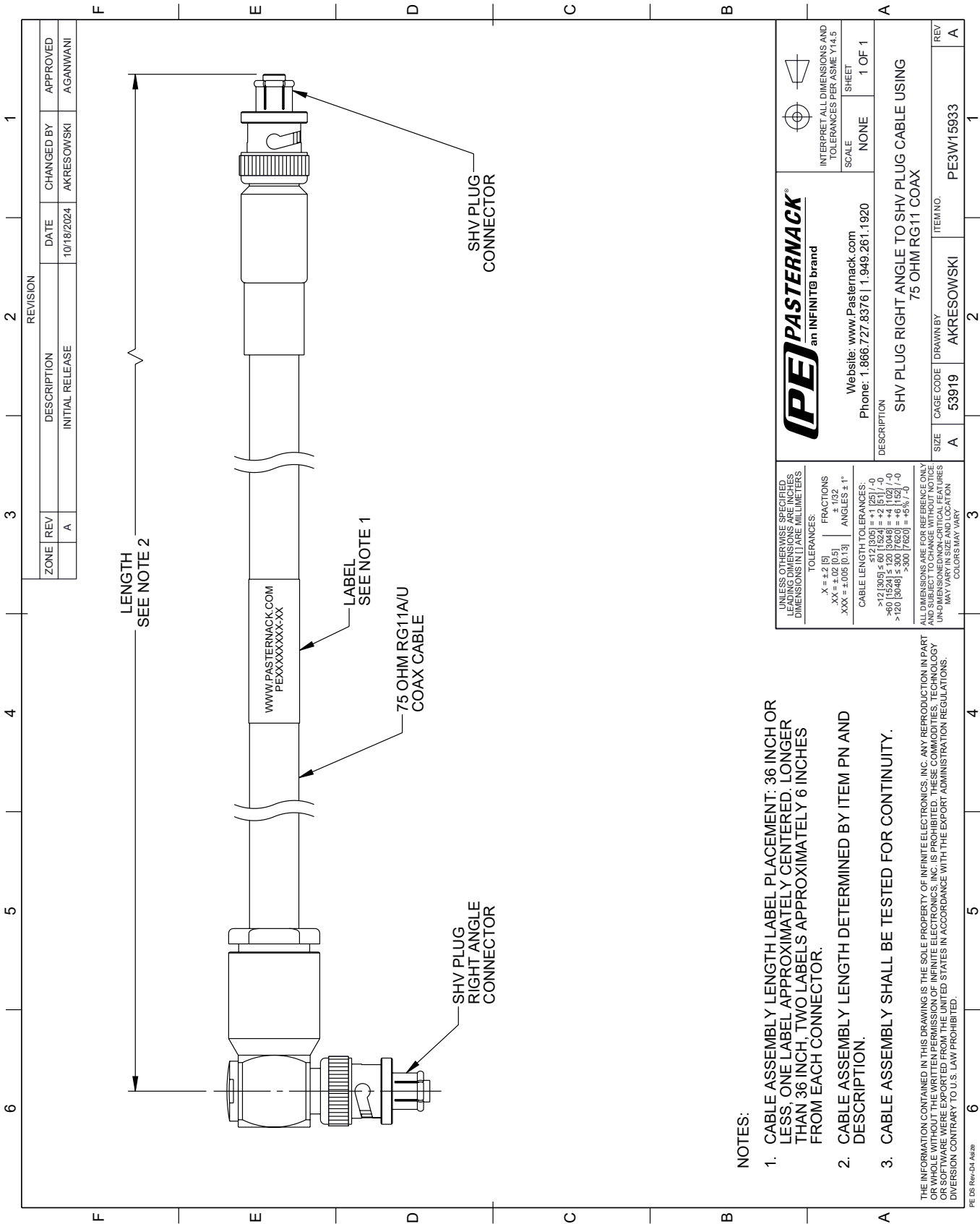
SHV Plug Right Angle to SHV Plug Cable Using 75 Ohm RG11 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SHV Plug Right Angle to SHV Plug Cable Using 75 Ohm RG11 Coax PE3W15933](#)

URL: <https://www.pasternack.com/shv-plug-right-angle-to-shv-plug-cable-using-rg11-pe3w15933-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.

PE3W15933 CAD Drawing
SHV Plug Right Angle to SHV Plug Cable Using 75 Ohm RG11 Coax



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

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES, DIMENSIONS IN [] ARE MILLIMETERS		PE PASTERNAK an INFINITE® brand		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
TOLERANCES:		Website: www.Pasternack.com		SCALE	
X = ±.2 [5]		Phone: 1.866.727.8376 1.949.261.1920		NONE	
.XX = ±.02 [0.5]				SHEET	
.XXX = ±.005 [0.13]				1 OF 1	
ANGLES ± 1°					
CABLE LENGTH TOLERANCES:		DESCRIPTION			
±.12 [3.05]		SHV PLUG RIGHT ANGLE TO SHV PLUG CABLE USING			
>.12 [3.05] ≤ .60 [15.24] = ±.12 [3.05] / -0		75 OHM RG11 COAX			
>.60 [15.24] ≤ 120 [3048] = ±.12 [3.05] / -0					
>120 [3048] ≤ 300 [7620] = ±.12 [3.05] / -0					
>300 [7620] = ±.12 [3.05] / -0					
ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS MAY VARY IN SIZE AND LOCATION. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.		SIZE		REV	
		A		A	
		CAGE CODE		ITEM NO.	
		53919		PE3W15933	
		DRAWN BY			
		AKRESOWSKI			