

SHV Plug to SHV Plug Cable Using 75 Ohm RG11 Coax



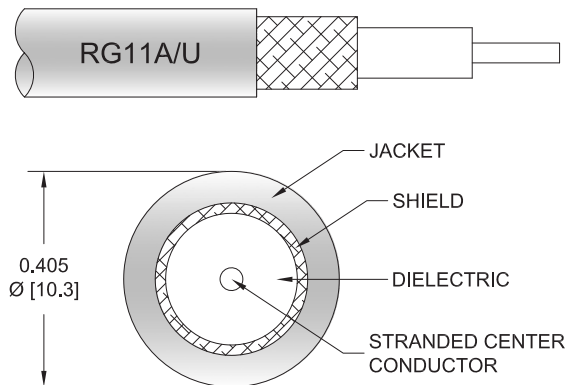
PE35086

Configuration

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

Features

- Max Frequency 0.3 MHz
- Shielding Effectivity > 45 dB
- 65.9% Phase Velocity
- PVC Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE35086 SHV plug 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 PE35086 SHV plug to SHV plug cable assembly operates to 0.3 MHz.

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		65.9		%
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]

Cable

Cable Type	RG11
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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
Jacket Material	PVC, Black
Jacket Diameter	0.405 in [10.29 mm]
One Time Minimum Bend Radius	4.5 in [114.3 mm]

Connectors

Description	Connector 1	Connector 2
Type	SHV Plug	SHV Plug
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30 µin minimum	30 µin minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 µin minimum	100 µin minimum

Environmental Specifications

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

Plotted and Other Data

Notes:
Values at 25°C, sea level.



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Typical Performance Data

How to Order

Part Number Configuration:

PE35086

- xx

uu

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

Length
Base Number

Example: PE35086-12 = 12 inches long cable
PE35086-100cm = 100 cm long cable

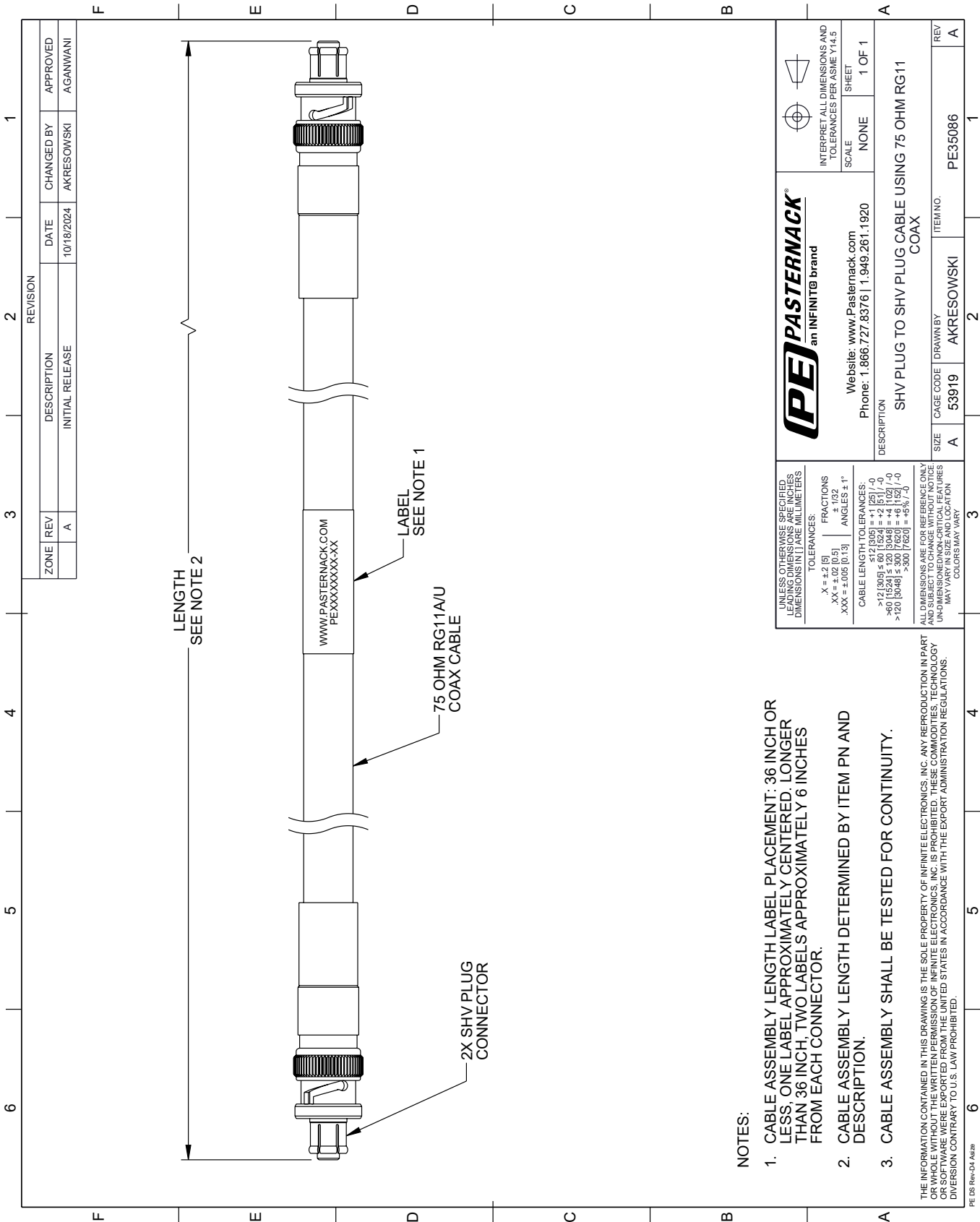
SHV Plug to SHV Plug Cable Using 75 Ohm RG11 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SHV Plug to SHV Plug Cable Using 75 Ohm RG11 Coax PE35086](#)

URL: <https://www.pasternack.com/shv-plug-to-shv-plug-cable-using-rg11-pe35086-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.

PE35086 CAD Drawing
SHV Plug 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.

Mouser Electronics

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[PE35086-36](#)