



## SHV Plug to SHV Plug Cable 12 Inch Length Using RG393 Coax

### RF Cable Assemblies Technical Data Sheet

PE3338-12

#### Configuration

- Connector 1: SHV Plug
- Connector 2: SHV Plug
- Cable Type: RG393

#### Electrical Specifications

Description	Minimum	Typical	Maximum	Units
Frequency Range	DC		300	MHz
Capacitance		29.4 [96.46]		pF/ft [pF/m]
Operating Voltage (AC)			1,875	Vrms
Dielectric Withstanding Voltage (AC)			5,000	Vrms

#### Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	50	100	250	500	1,000	MHz
Insertion Loss (Typ.)	0.213	0.221	0.23	0.245	0.275	dB

#### Mechanical Specifications

##### Cable Assembly

Length	12 in [304.8 mm]
Diameter	0.57 in [14.48 mm]
Weight	0.269 lbs [122.02 g]

##### Cable

Cable Type	RG393
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid

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 12 Inch Length Using RG393 Coax PE3338-12](#)



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Jacket Material  
Jacket Diameter

FEP, Tan  
0.39 in [9.91 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	SHV Plug	SHV Plug
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30µ in. minimum	30µ in. minimum
Dielectric Type	Teflon	Teflon
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100µ in. minimum	100µ in. minimum
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100µ in. minimum	100µ in. minimum

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

#### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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 12 Inch Length Using RG393 Coax PE3338-12](#)



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#### How to Order

Part Number Configuration:

PE3338

- xx

uu

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

Example: PE3338-12 = 12 inches long cable  
PE3338-100cm = 100 cm long cable

SHV Plug to SHV Plug Cable 12 Inch Length Using RG393 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

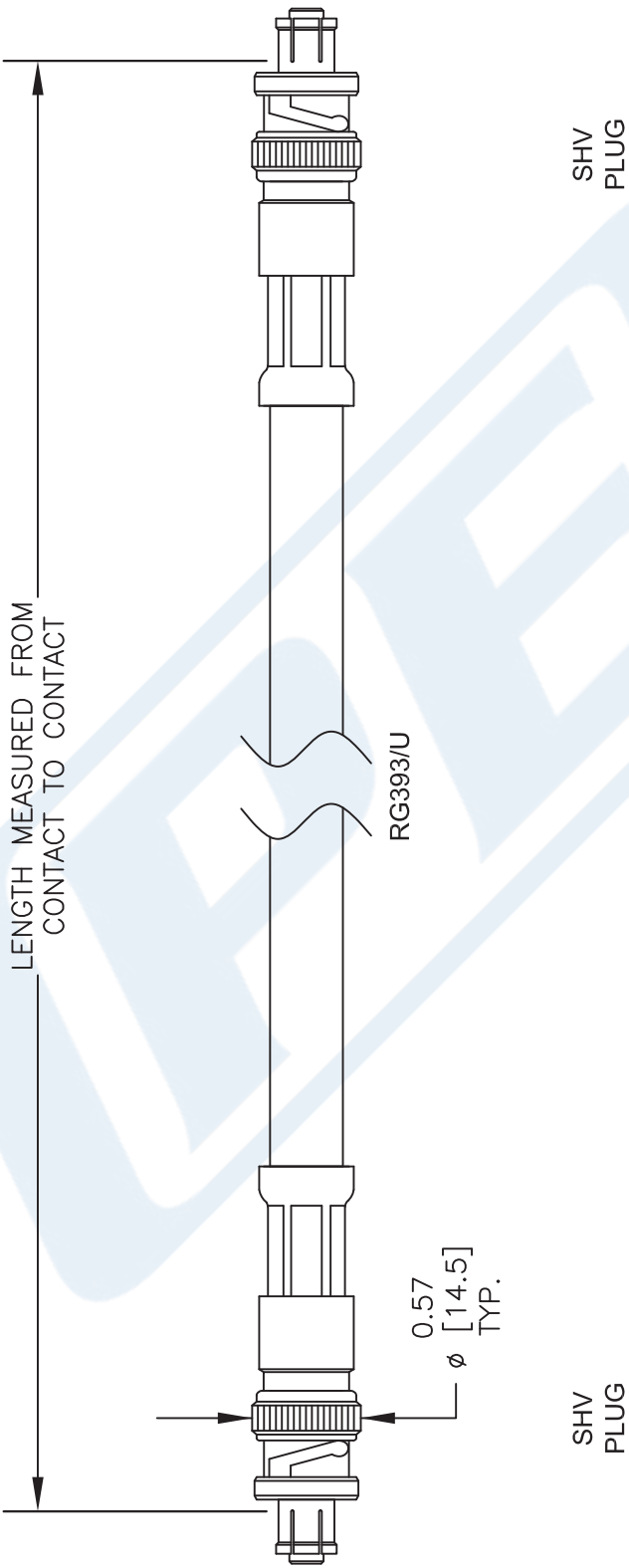
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SHV Plug to SHV Plug Cable 12 Inch Length Using RG393 Coax PE3338-12](https://www.pasternack.com/shv-plug-shv-plug-rg393u-cable-assembly-pe3338-12-p.aspx)

URL: <https://www.pasternack.com/shv-plug-shv-plug-rg393u-cable-assembly-pe3338-12-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.

PE3338-12 CAD Drawing

SHV Plug to SHV Plug Cable 12 Inch Length Using RG393 Coax



NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

DWG TITLE		CAGE CODE		CAD FILE		SCALE		SIZE		2233	
PE3338		53919		092916		N/A		A			

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