



SHV Plug to Straight Cut Lead Cable Using RG58 Coax

RF Cable Assemblies Technical Data Sheet

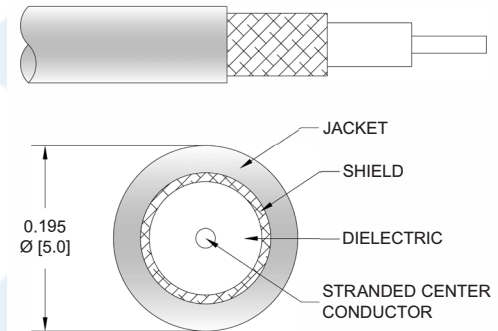
PE37804

Configuration

- Connector 1: SHV Plug
- Connector 2: Straight Cut Lead
- Cable Type: RG58

Features

- Shielding Effectivity > 45 dB
- 65.9% Phase Velocity
- PVC (NC) Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE37804 50 ohm SHV plug to straight cut lead cable using RG58 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.

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
Velocity of Propagation		65.9		%
RF Shielding	45			dB
Capacitance		30.8 [101.05]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight 0.059 lbs [26.76 g]

Cable

Cable Type RG58

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 Straight Cut Lead Cable Using RG58 Coax PE37804](#)



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Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper, Tin
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Tinned Copper Braid
Jacket Material	PVC (NC), Black
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	2 in [50.8 mm]

Connectors

Description	Connector 1	Connector 2
Type	SHV Plug	Straight Cut Lead
Specification	MIL-STD-348A	
Impedance	50 Ohms	0 Ohms
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	30μ in. minimum	
Dielectric Type	Teflon	
Body Material and Plating	Brass, Nickel	
Body Plating Specification	100μ in. minimum	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	100μ in. minimum	

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

Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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How to Order

Part Number Configuration:

PE37804

- **xx**

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

Example: PE37804-12 = 12 inches long cable
PE37804-100cm = 100 cm long cable

SHV Plug to Straight Cut Lead Cable Using RG58 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 Straight Cut Lead Cable Using RG58 Coax PE37804](https://www.pasternack.com/shv-plug-to-straight-cut-lead-cable-using-rg58-pe37804-p.aspx)

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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.

PE37804 CAD Drawing
SHV Plug to Straight Cut Lead Cable Using RG58 Coax

