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# MHV Male to SHV Plug Cable 12 Inch Length Using RG141 Coax , LF Solder

RF Cable Assemblies Technical Data Sheet PE34413LF-12

## Configuration

- Connector 1: MHV Male
- Connector 2: SHV Plug
- Cable Type: RG141

## Features

- PTFE (FG) Jacket

## Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE34413LF-12 MHV male to SHV plug 12 inch cable using RG141 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 MHV to SHV cable assembly has a male to plug gender configuration with 50 ohm flexible RG141 coax.

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 |
|---|---|---|---|---|
| Capacitance | | 29.4 [96.46] | | pF/ft [pF/m] |
| Jacket Spark | | | 2,000 | Vrms |

### Mechanical Specifications

**Cable Assembly**

| | |
|---|---|
| Length* | 12 in [304.8 mm] |
| Weight | 0.09 lbs [40.82 g] |

**Cable**

| | |
|---|---|
| Cable Type | RG141 |
| Impedance | 50 Ohms |
| Inner Conductor Type | Solid |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Silver Plated Copper |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: MHV Male to SHV Plug Cable 12 Inch Length Using RG141 Coax , LF Solder PE34413LF-12

Pasternack Enterprises, Inc. • P.O. Box 16759, Irvine, CA 92623
**Phone:** (866) 727-8376 or (949) 261-1920 • **Fax:** (949) 261-7451
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| | |
|---|---|
| Jacket Material | PTFE (FG), Beige |
| Jacket Diameter | 0.19 in [4.83 mm] |

**Connectors**

| Description | Connector 1 | Connector 2 |
|---|---|---|
| Type | MHV Male | SHV Plug |
| Specification | MIL-STD-348 | |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Brass, Gold | |
| Contact Plating Specification | 30µ In. Min | |
| Dielectric Type | Teflon | |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Body Plating Specification | 100µ In. Minimum | |
| Coupling Nut Material and Plating | Brass, Nickel | |
| Coupling Nut Plating Specification | 100µ In. Minimum | |

Mechanical Specification Notes:
*All cable assemblies have a length tolerance of 1.5% or ± 3/8", whichever is greater.

**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: **PE34413LF - xx uu**

- uu — Unit of Measure: cm = Centimeters, <blank> = Inches
- xx — Length
- PE34413LF — Base Number

Example: PE34413LF-12 = 12 inches long cable
PE34413LF-100cm = 100 cm long cable

MHV Male to SHV Plug Cable 12 Inch Length Using RG141 Coax , LF Solder 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: MHV Male to SHV Plug Cable 12 Inch Length Using RG141 Coax , LF Solder PE34413LF-12

URL: https://www.pasternack.com/mhv-male-shv-plug-rg141au-cable-assembly-pe34413lf-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.

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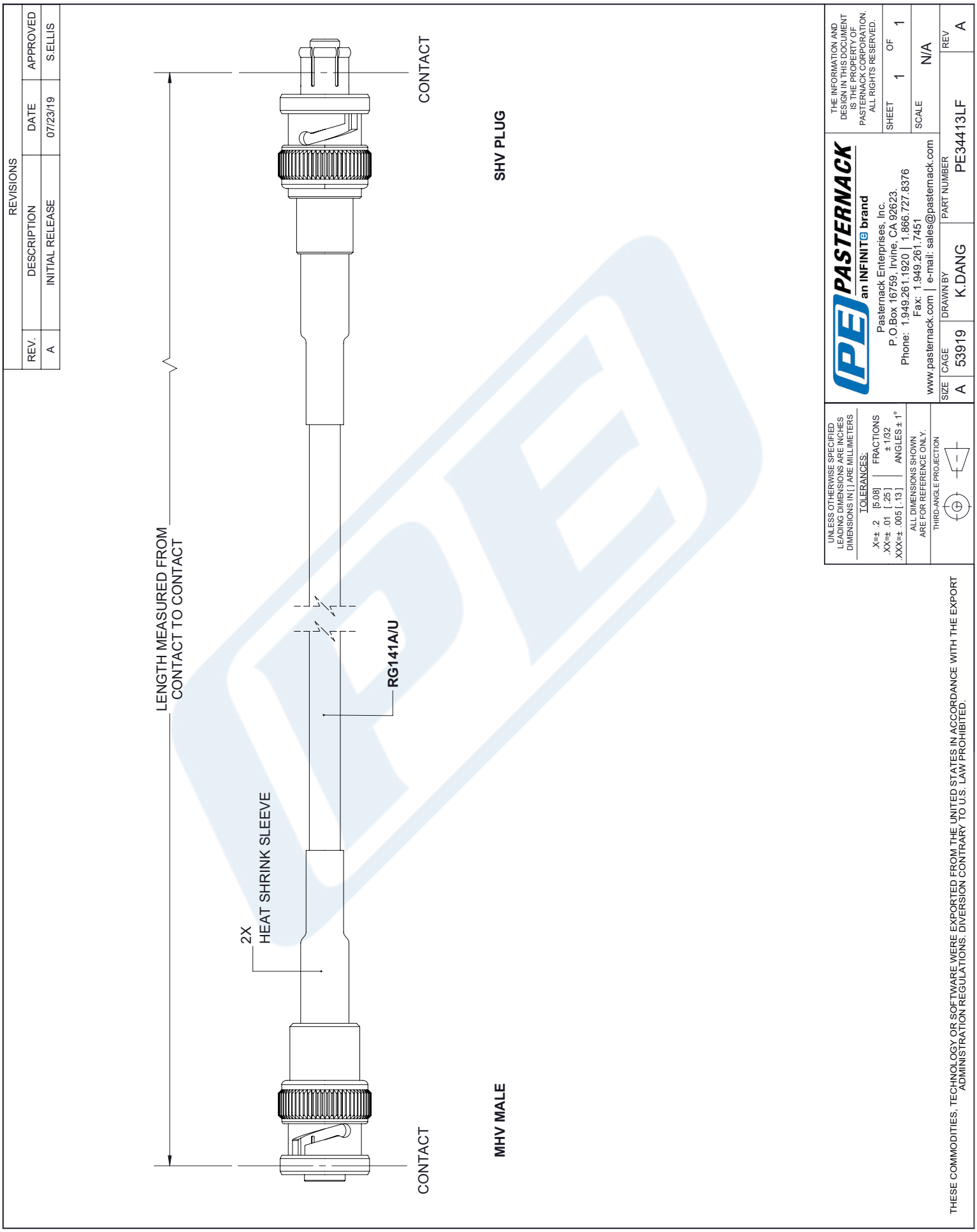
# PE34413LF-12 CAD Drawing

MHV Male to SHV Plug Cable 12 Inch Length Using RG141 Coax , LF Solder

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