

## Trimmed Lead to SMA Male Cable Using RG316 Coax with HeatShrink



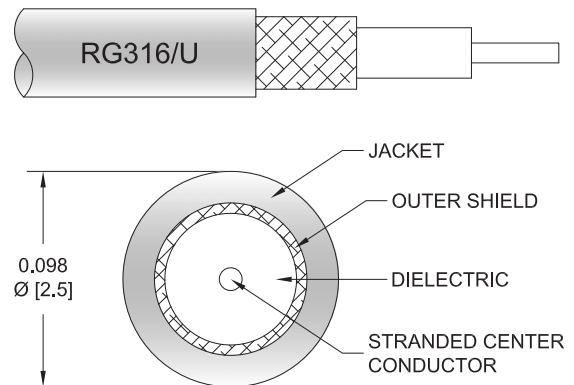
### PE3C6040/HS

#### Configuration

- Connector 1: Trimmed Lead
- Connector 2: SMA Male
- Cable Type: RG316
- Coax Flex Type: Flexible

#### Features

- 69% Phase Velocity
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C6040/HS trimmed lead to 50 ohm SMA male cable using RG316 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 |         | 69      |         | %     |
| Jacket Spark            |         |         | 2,000   | Vrms  |

#### Mechanical Specifications

##### Cable Assembly

|                |                    |
|----------------|--------------------|
| Width/Diameter | 0.5 in [12.7 mm]   |
| Weight         | 0.012 lbs [5.44 g] |

##### Cable

|                                      |                            |
|--------------------------------------|----------------------------|
| Cable Type                           | RG316                      |
| Impedance                            | 50 Ohms                    |
| Inner Conductor Type                 | Stranded                   |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver  |
| Dielectric Type                      | PTFE                       |
| Number of Shields                    | 1                          |
| Shield Layer 1                       | Silver Plated Copper Braid |

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|                 |                    |
|-----------------|--------------------|
| Jacket Material | FEP, Tan           |
| Jacket Diameter | 0.102 in [2.59 mm] |

#### Connectors

| Description                        | Connector 1  | Connector 2      |
|------------------------------------|--------------|------------------|
| Type                               | Trimmed Lead | SMA Male         |
| Specification                      |              | MIL-STD-348A     |
| Impedance                          | 0 Ohms       | 50 Ohms          |
| Configuration                      | Straight     | Straight         |
| Contact Material and Plating       |              | Brass, Gold      |
| Contact Plating Specification      |              | 30 µin minimum   |
| Dielectric Type                    |              | PTFE             |
| Body Material and Plating          |              | Brass, Nickel    |
| Body Plating Specification         |              | 100 µin minimum  |
| Coupling Nut Material and Plating  |              | Brass, Nickel    |
| Coupling Nut Plating Specification |              | 100 µin minimum  |
| Hex Size                           |              | 5/16 inch        |
| Torque                             |              | 3 in-lbs 0.34 Nm |

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:

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### PE3C6040/HS

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C6040/HS**

**- xx**

**uu**

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

Length

Base Number

Example: PE3C6040/HS-12 = 12 inches long cable  
PE3C6040/HS-100cm = 100 cm long cable

Trimmed Lead to SMA Male Cable Using RG316 Coax with HeatShrink 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: [Trimmed Lead to SMA Male Cable Using RG316 Coax with HeatShrink PE3C6040/HS](#)

URL: <https://www.pasternack.com/trimmed-lead-to-sma-male-cable-using-rg316-with-heatshrink-pe3c6040-hs-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.

PE3C6040/HS CAD Drawing

Trimmed Lead to SMA Male Cable Using RG316 Coax with HeatShrink

