

## HN Male to HN Male Cable 36 Inch Length Using RG393 Coax

### PE3C0885-36

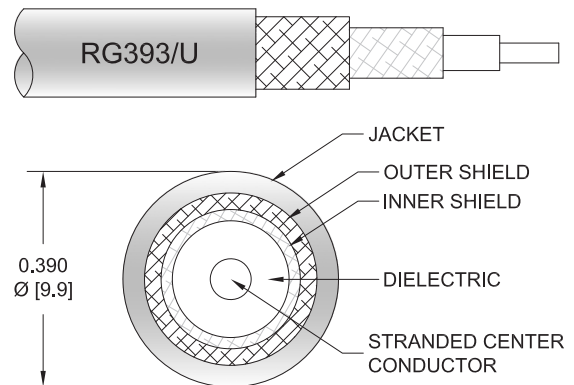


#### Configuration

- Connector 1: HN Male
- Connector 2: HN Male
- Cable Type: RG393
- Coax Flex Type: Flexible

#### Features

- Max Frequency 3 GHz
- Shielding Effectivity > 60 dB
- 69.5% Phase Velocity
- Double Shielded
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3C0885-36 HN male to HN male 36 inch cable using RG393 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 HN to HN cable assembly has a male to male gender configuration with 50 ohm flexible RG393 coax. The PE3C0885-36 HN male to HN male cable assembly operates to 3 GHz. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 60 dB.

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      |             | 3       | GHz          |
| VSWR                    |         |             | 1.4:1   |              |
| Velocity of Propagation |         | 69.5        |         | %            |
| RF Shielding            | 60      |             |         | dB           |
| Capacitance             |         | 32 [104.99] |         | pF/ft [pF/m] |
| Operating Voltage (AC)  |         |             | 1,500   | Vrms         |

#### Specifications by Frequency

| Description | F1  | F2   | F3  | F4 | F5 | Units |
|-------------|-----|------|-----|----|----|-------|
| Frequency   | 0.1 | 0.25 | 0.5 | 1  | 3  | GHz   |

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#### Specifications by Frequency

| Description           | F1   | F2   | F3   | F4   | F5   | Units |
|-----------------------|------|------|------|------|------|-------|
| Insertion Loss (Typ.) | 0.27 | 0.29 | 0.34 | 0.43 | 0.63 | dB    |

#### Electrical Specification Notes:

Insertion Loss does not include the loss of the connectors. Insertion Loss is estimated as 0.1 dB per connector.

#### Mechanical Specifications

##### Cable Assembly

|                |                     |
|----------------|---------------------|
| Length         | 36 in [914.4 mm]    |
| Width/Diameter | 0.5 in [12.7 mm]    |
| Weight         | 0.71 lbs [322.05 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 |
| Jacket Material                      | FEP, Tan                   |
| Jacket Diameter                      | 0.39 in [9.91 mm]          |

#### Connectors

| Description                        | Connector 1     | Connector 2     |
|------------------------------------|-----------------|-----------------|
| Type                               | HN Male         | HN Male         |
| Specification                      | MIL-STD-348A    | MIL-STD-348A    |
| 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                    | PTFE            | PTFE            |
| Body Material and Plating          | Brass, Nickel   | Brass, Nickel   |
| Body Plating Specification         | 100 µin minimum | 100 µin minimum |
| Coupling Nut Material and Plating  | Brass, Nickel   | Brass, Nickel   |
| Coupling Nut Plating Specification | 100 µin minimum | 100 µin minimum |

#### Environmental Specifications

|                             |                   |
|-----------------------------|-------------------|
| Operating Range Temperature | -55 to +165 deg C |
|-----------------------------|-------------------|

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### PE3C0885-36

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

#### Plotted and Other Data

Notes:  
Values at 25°C, sea level.

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE3C0885**    **- xx**    **uu**

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

Length  
Base Number

Example:    PE3C0885-12 = 12 inches long cable  
              PE3C0885-100cm = 100 cm long cable

HN Male to HN Male Cable 36 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 99.4% 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: [HN Male to HN Male Cable 36 Inch Length Using RG393 Coax PE3C0885-36](#)

URL: <https://www.pasternack.com/hn-male-to-hn-male-cable-36-inch-length-using-rg393-pe3c0885-36-p.aspx>

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