

## HN Male to C Male Cable Using RG217 Coax



### PE35506

#### Configuration

- Connector 1: HN Male
- Connector 2: C Male
- Cable Type: RG217
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE35506 HN male to type C male cable using RG217 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 type C cable assembly has a male to male gender configuration with 50 ohm flexible RG217 coax. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness.

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		66		%
Capacitance		30.8 [101.05]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

- Weight 0.51 lbs [231.33 g]

##### Cable

- |                                      |              |
|--------------------------------------|--------------|
| Cable Type                           | RG217        |
| Impedance                            | 50 Ohms      |
| Inner Conductor Type                 | Solid        |
| Inner Conductor Material and Plating | Copper       |
| Dielectric Type                      | PE           |
| Number of Shields                    | 2            |
| Shield Layer 1                       | Copper Braid |
| Shield Layer 2                       | Copper Braid |

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Jacket Material	PVC, Black
Jacket Diameter	0.545 in [13.84 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	HN Male	C Male
Specification	MIL-STD-348A	MIL-STD-348
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Silver
Contact Plating Specification	MIL-G-45204	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	QQ-N-290

#### Environmental Specifications

Operating Range Temperature	-40 to +80 deg C
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#### Compliance Certifications

(see product page for current document)

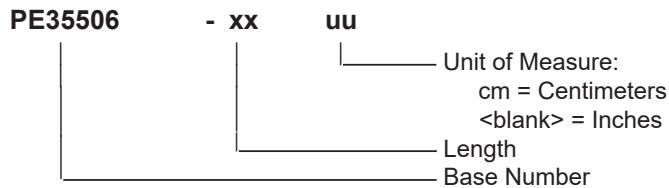
#### Plotted and Other Data

Notes:  
Values at 25°C, sea level.

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**PE35506****Typical Performance Data****How to Order**

Part Number Configuration:



Example: PE35506-12 = 12 inches long cable  
PE35506-100cm = 100 cm long cable

HN Male to C Male Cable Using RG217 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 C Male Cable Using RG217 Coax PE35506](#)

URL: <https://www.pasternack.com/hn-male-to-c-male-cable-using-rg217-pe35506-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.

# PE35506 CAD Drawing

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