

## 7/16 DIN Male to HN Male Cable Using RG217 Coax



### PE36669

#### Configuration

- Connector 1: 7/16 DIN Male
- Connector 2: HN Male
- Cable Type: RG217
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE36669 7/16 DIN male to HN 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 7/16 DIN to HN 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 0.708 lbs [321.14 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	7/16 DIN Male	HN Male
Specification	MIL-C-39012	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Silver	Brass, Gold
Contact Plating Specification	QQ-S-365	MIL-G-45204
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
Hex Size	1 1/4 in	
Torque	18.417 ft-lbs 24.97 Nm	

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:  
Values at 25°C, sea level.

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#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE36669**

**- xx**

**uu**

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

Length

Base Number

Example: PE36669-12 = 12 inches long cable  
PE36669-100cm = 100 cm long cable

7/16 DIN Male to HN 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: [7/16 DIN Male to HN Male Cable Using RG217 Coax PE36669](https://www.pasternack.com/7-16-din-male-to-hn-male-cable-using-rg217-pe36669-p.aspx)

URL: <https://www.pasternack.com/7-16-din-male-to-hn-male-cable-using-rg217-pe36669-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.

PE36669 CAD Drawing
7/16 DIN Male to HN Male Cable Using RG217 Coax

