



HN Male to 7/16 DIN Male Right Angle Cable  
150 cm Length Using RG217 Coax

RF Cable Assemblies Technical Data Sheet

PE3W03391-150CM

### Configuration

- Connector 1: HN Male
- Connector 2: 7/16 DIN Male Right Angle
- Cable Type: RG217

### Features

- 66% Phase Velocity
- Double Shielded
- PVC Jacket

### Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE3W03391-150CM HN male to 7/16 DIN male right angle 150 cm 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 7/16 DIN cable assembly has a male to male gender configuration with 50 ohm flexible RG217 coax. The right angle 7/16 DIN interface on the RG217 cable allows for easier connections in tight spaces. 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

|          |                      |
|----------|----------------------|
| Length*  | 59.05 in [149.99 cm] |
| Diameter | 1.25 in [31.75 mm]   |

#### Cable

|                                      |         |
|--------------------------------------|---------|
| Cable Type                           | RG217   |
| Impedance                            | 50 Ohms |
| Inner Conductor Type                 | Solid   |
| Inner Conductor Material and Plating | Copper  |

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 7/16 DIN Male Right Angle Cable 150 cm Length Using RG217 Coax PE3W03391-150CM](#)



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|                   |                     |
|-------------------|---------------------|
| Dielectric Type   | PE                  |
| Number of Shields | 2                   |
| Shield Layer 1    | Copper Braid        |
| Shield Layer 2    | Copper Braid        |
| Jacket Material   | PVC, Black          |
| Jacket Diameter   | 0.545 in [13.84 mm] |

#### Connectors

| Description                        | Connector 1   | Connector 2               |
|------------------------------------|---------------|---------------------------|
| Type                               | HN Male       | 7/16 DIN Male Right Angle |
| Specification                      | MIL-STD-348   | MIL-C-39012               |
| Impedance                          | 50 Ohms       | 50 Ohms                   |
| 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                  |
| Hex Size                           |               | 1 1/4 inch                |

#### Mechanical Specification Notes:

\*All cable assemblies have a length tolerance of 1.5% or  $\pm 3/8$ ", whichever is greater.

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

#### Plotted and Other Data

Notes:

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**How to Order**

Part Number Configuration:

**PE3W03391**

- **xx**

**uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches  
Length  
Base Number

Example: PE3W03391-12 = 12 inches long cable  
PE3W03391-100cm = 100 cm long cable

HN Male to 7/16 DIN Male Right Angle Cable 150 cm Length 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 7/16 DIN Male Right Angle Cable 150 cm Length Using RG217 Coax PE3W03391-150CM](https://www.pasternack.com/hn-male-7-16-din-male-rg217u-cable-assembly-pe3w03391-150cm-p.aspx)

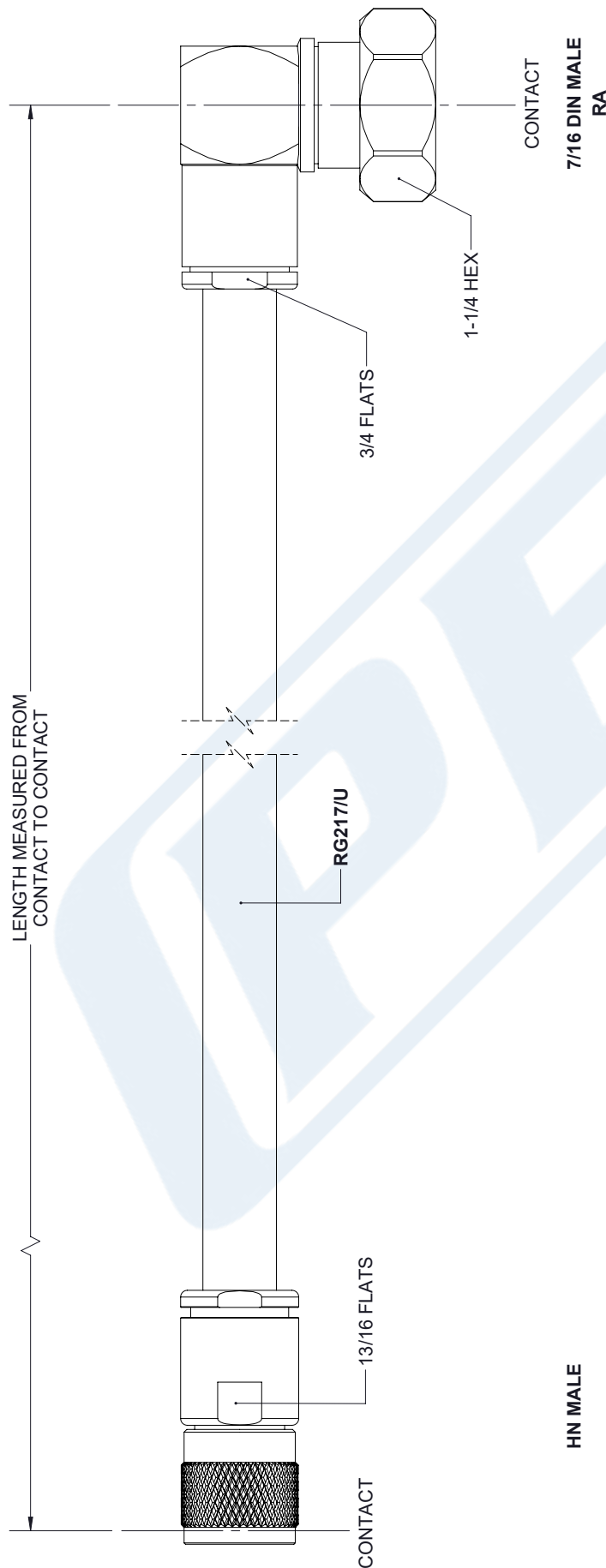
URL: <https://www.pasternack.com/hn-male-7-16-din-male-rg217u-cable-assembly-pe3w03391-150cm-p.aspx>

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.

# PE3W03391-150CM CAD Drawing

HN Male to 7/16 DIN Male Right Angle Cable 150 cm Length Using RG217 Coax

| REVISIONS |                 |          |          |
|-----------|-----------------|----------|----------|
| REV.      | DESCRIPTION     | DATE     | APPROVED |
| A         | INITIAL RELEASE | 04/30/19 | SELLIS   |



|                                                                                                     |             |
|-----------------------------------------------------------------------------------------------------|-------------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE IN INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS |             |
| TOLERANCES:                                                                                         | FRACTIONS   |
| X±.2 [5.08]                                                                                         | ±.132       |
| .XX±.01 [.25]                                                                                       | ±.13        |
| .XXX±.005 [.13]                                                                                     | ANGLES ± 1° |
| ALL DIMENSIONS SHOWN<br>ARE FOR REFERENCE ONLY.                                                     |             |
| THIRD-ANGLE PROJECTION                                                                              |             |

|                                                                                                                                                                                         |             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
| <b>PE PASTERNAK</b><br>an INFINITI brand                                                                                                                                                |             |
| Pasternack Enterprises, Inc.<br>P.O. Box 16759, Irvine, CA 92623.<br>Phone: 1.949.261.1920   1.866.727.8376<br>Fax: 1.949.261.7451<br>www.pasternack.com   e-mail: sales@pasternack.com |             |
| SIZE                                                                                                                                                                                    | PART NUMBER |
| A                                                                                                                                                                                       | PE3W03391   |
| CAGE                                                                                                                                                                                    | DRAWN BY    |
| 53919                                                                                                                                                                                   | K.DANG      |
| REV                                                                                                                                                                                     | REV         |
|                                                                                                                                                                                         | A           |

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|------------------------------------------------------------------------------------------------------------------------|-----|
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| SHEET                                                                                                                  | OF  |
| 1                                                                                                                      | 1   |
| SCALE                                                                                                                  | N/A |

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