

N Male Right Angle to N Male Right Angle Cable  
60 Inch Length Using RG316 Coax



**RF Cable Assemblies Technical Data Sheet**

**PE34236-60**

**Configuration**

- Connector 1: N Male Right Angle
- Connector 2: N Male Right Angle
- Cable Type: RG316

**Features**

- Max Frequency 3 GHz
- FEP Jacket

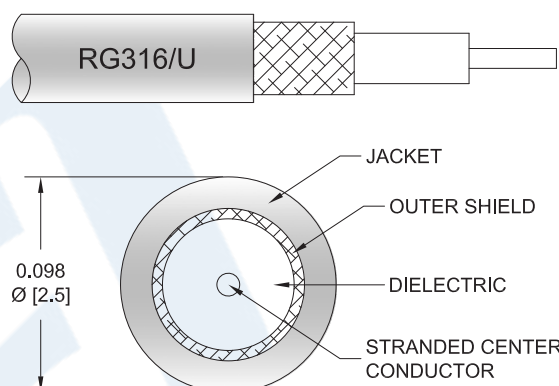
**Applications**

- General Purpose
- Laboratory Use

**Description**

Pasternack's PE34236-60 type N male right angle to type N male right angle 60 inch 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. This Pasternack type N to type N cable assembly has a male to male gender configuration with 50 ohm flexible RG316 coax. The PE34236-60 type N male to type N male cable assembly operates to 3 GHz. The right angle type N interfaces on the RG316 cable allow for easier connections in tight spaces.

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.



Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle to N Male Right Angle Cable 60 Inch Length Using RG316 Coax PE34236-60](#)



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### Electrical Specifications

| Description     | Minimum | Typical     | Maximum | Units        |
|-----------------|---------|-------------|---------|--------------|
| Frequency Range | DC      |             | 3       | GHz          |
| Capacitance     |         | 32 [104.99] |         | pF/ft [pF/m] |

### Specifications by Frequency

| Description           | F1   | F2   | F3    | F4  | F5  | Units |
|-----------------------|------|------|-------|-----|-----|-------|
| Frequency             | 0.1  | 0.25 | 0.5   | 1   | 3   | GHz   |
| Insertion Loss (Typ.) | 0.75 | 1    | 1.392 | 2.1 | 3.1 | dB    |

### Mechanical Specifications

#### Cable Assembly

Weight 0.302 lbs [136.98 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  
Jacket Material FEP, Tan  
Jacket Diameter 0.098 in [2.49 mm]

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**Connectors**

| Description                   | Connector 1        | Connector 2        |
|-------------------------------|--------------------|--------------------|
| Type                          | N Male Right Angle | N Male Right Angle |
| Specification                 | MIL-STD-348A       | MIL-STD-348A       |
| Impedance                     | 50 Ohms            | 50 Ohms            |
| Contact Material and Plating  | Brass, Gold        | Brass, Gold        |
| Contact Plating Specification | 30μ in. minimum    | 30μ in. minimum    |
| Dielectric Type               | Teflon             | Teflon             |
| Body Material and Plating     | Brass, Nickel      | Brass, Nickel      |
| Body Plating Specification    | 100μ in. minimum   | 100μ in. minimum   |

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

**Plotted and Other Data**

Notes:

- Values at 25°C, sea level.

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**PE34236-60**

**How to Order**

Part Number Configuration:

**PE34236**

- **xx**

**uu**

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

Example: PE34236-12 = 12 inches long cable  
PE34236-100cm = 100 cm long cable

N Male Right Angle to N Male Right Angle Cable 60 Inch Length Using RG316 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: [N Male Right Angle to N Male Right Angle Cable 60 Inch Length Using RG316 Coax PE34236-60](https://www.pasternack.com/n-male-n-male-rg316u-cable-assembly-pe34236-60-p.aspx)

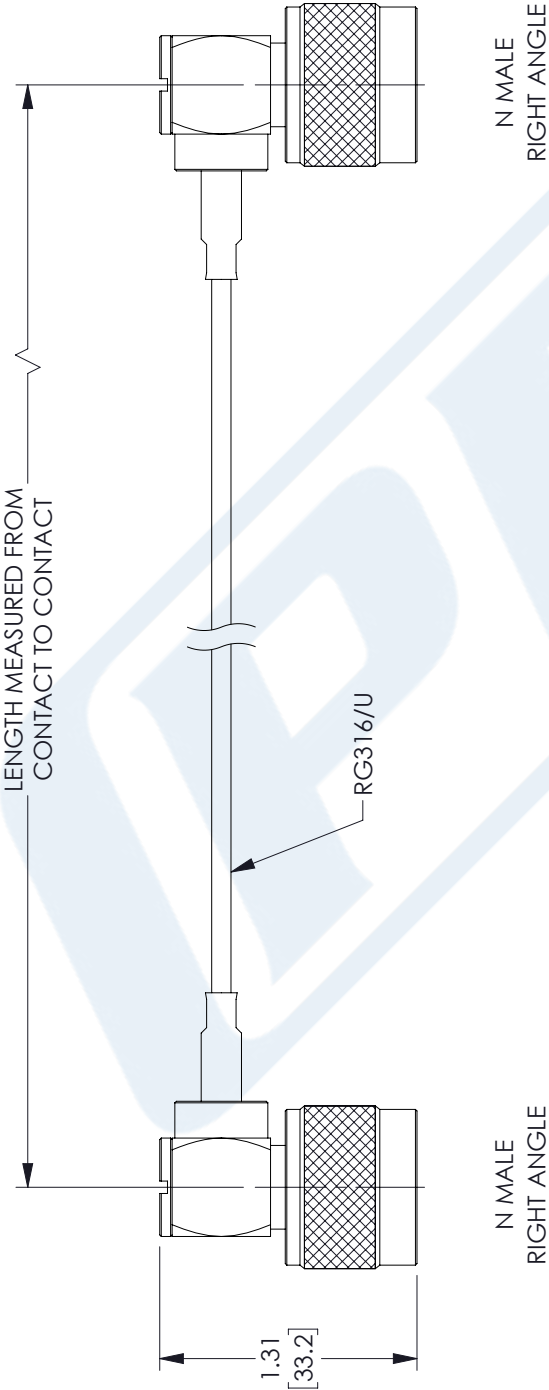
URL: <https://www.pasternack.com/n-male-n-male-rg316u-cable-assembly-pe34236-60-p.aspx>

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.

PE34236-60 CAD Drawing

N Male Right Angle to N Male Right Angle Cable 60 Inch Length Using RG316 Coax

| REVISIONS |                      |            |          |
|-----------|----------------------|------------|----------|
| REV.      | DESCRIPTION          | DATE       | APPROVED |
| B         | PCR PE34236 20220308 | 03/21/2022 | AGANWANI |



|                                                                                                  |             |
|--------------------------------------------------------------------------------------------------|-------------|
| UNLESS OTHERWISE SPECIFIED<br>LEADING DIMENSIONS ARE INCHES<br>DIMENSIONS IN [ ] ARE MILLIMETERS |             |
| TOLERANCES:                                                                                      | FRACTIONS   |
| .X = ± .2                                                                                        | [.08]       |
| .XX = ± .02                                                                                      | [.51]       |
| .XXX = ± .005                                                                                    | [.13]       |
| CABLE LENGTH (L) TOLERANCES:                                                                     | ANGLES ± 1° |
| L ≤ 12 [305]                                                                                     | ± 1/32      |
| 12 [305] < L ≤ 60 [1524]                                                                         | ± 1/16      |
| 60 [1524] < L ≤ 120 [3048]                                                                       | ± 1/8       |
| 120 [3048] < L ≤ 300 [7620]                                                                      | ± 1/4       |
| 300 [7620] < L                                                                                   | ± 5/16      |
| ALL DIMENSIONS SHOWN<br>ARE FOR REFERENCE ONLY.                                                  |             |

|                                                                                                                                                                                                   |          |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| <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>Website: www.pasternack.com<br>E-mail: sales@pasternack.com |          |
| SIZE                                                                                                                                                                                              | ITEM NO. |
| A                                                                                                                                                                                                 | 53919    |
| DRAWN BY                                                                                                                                                                                          | DZINN    |
| REV                                                                                                                                                                                               | PE34236  |
| B                                                                                                                                                                                                 |          |

|                                                                                                                       |        |
|-----------------------------------------------------------------------------------------------------------------------|--------|
| THIRD-ANGLE PROJECTION                                                                                                |        |
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| SHEET                                                                                                                 | 1 OF 1 |
| SCALE                                                                                                                 | N/A    |

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