



## N Male to N Male Cable 24 Inch Length Using 75 Ohm RG11 Coax

### RF Cable Assemblies Technical Data Sheet

**PE33479-24**

#### Configuration

- Connector 1: N Male
- Connector 2: N Male
- Cable Type: RG11

#### Features

- Max Frequency 1 GHz
- Shielding Effectivity > 45 dB
- 65.9% Phase Velocity
- PVC Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE33479-24 type N male to type N male 24 inch cable using 75 ohm RG11 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 75 ohm flexible RG11 coax. The PE33479-24 type N male to type N male cable assembly operates to 1 GHz.

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      |              | 1,000   | MHz          |
| VSWR                    |         |              | 1.4:1   |              |
| Velocity of Propagation |         | 65.9         |         | %            |
| RF Shielding            | 45      |              |         | dB           |
| Capacitance             |         | 20.5 [67.26] |         | pF/ft [pF/m] |

#### Specifications by Frequency

| Description        | F1    | F2     | F3     | F4     | F5     | Units |
|--------------------|-------|--------|--------|--------|--------|-------|
| Frequency          | 50    | 100    | 250    | 500    | 1,000  | MHz   |
| VSWR (Max.)        | 1.4:1 | 1.4:1  | 1.4:1  | 1.4:1  | 1.4:1  |       |
| Return Loss (Max.) | 15.56 | 15.563 | 15.563 | 15.563 | 15.563 | dB    |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male to N Male Cable 24 Inch Length Using 75 Ohm RG11 Coax PE33479-24](#)



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### Mechanical Specifications

#### Cable Assembly

|          |                      |
|----------|----------------------|
| Length*  | 24 in [609.6 mm]     |
| Diameter | 0.827 in [21.01 mm]  |
| Weight   | 0.448 lbs [203.21 g] |

#### Cable

|                                      |                     |
|--------------------------------------|---------------------|
| Cable Type                           | RG11                |
| Impedance                            | 75 Ohms             |
| Inner Conductor Type                 | Stranded            |
| Inner Conductor Material and Plating | Copper, Tin         |
| Dielectric Type                      | PE                  |
| Number of Shields                    | 1                   |
| Shield Layer 1                       | Copper              |
| Jacket Material                      | PVC, Black          |
| Jacket Diameter                      | 0.405 in [10.29 mm] |

|                              |                   |
|------------------------------|-------------------|
| One Time Minimum Bend Radius | 4.5 in [114.3 mm] |
|------------------------------|-------------------|

### Connectors

| Description                   | Connector 1      | Connector 2      |
|-------------------------------|------------------|------------------|
| Type                          | N Male           | N Male           |
| 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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**PE33479-24**

### How to Order

Part Number Configuration:

**PE33479**

- **xx**

**uu**

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

Example: PE33479-12 = 12 inches long cable  
PE33479-100cm = 100 cm long cable

N Male to N Male Cable 24 Inch Length Using 75 Ohm RG11 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.

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URL: <https://www.pasternack.com/n-male-n-male-rg11au-cable-assembly-pe33479-24-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.

PE33479-24 CAD Drawing

N Male to N Male Cable 24 Inch Length Using 75 Ohm RG11 Coax

