



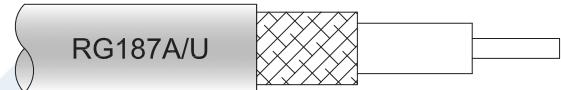
75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 Coax

RF Cable Assemblies Technical Data Sheet

PE3C6495

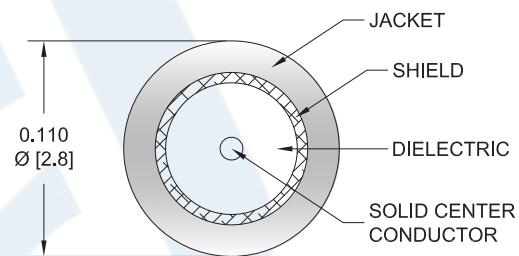
Configuration

- Connector 1: N Male
- Connector 2: Straight Cut Lead
- Cable Type: RG187



Features

- 70% Phase Velocity
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C6495 75 ohm type N male to straight cut lead cable using 75 ohm RG187 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.

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 | | 70 | | % |
| Capacitance | | 19.5 [63.98] | | pF/ft [pF/m] |
| DC Resistance Inner Conductor | | 245 [803.81] | | Ω/1000ft [Ω/Km] |

Mechanical Specifications

Cable Assembly

Weight 0.086 lbs [39.01 g]

Cable

Cable Type RG187

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 Coax PE3C6495](#)



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| | |
|--------------------------------------|----------------------------|
| Impedance | 75 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 | PTFE, White |
| Jacket Diameter | 0.102 in [2.59 mm] |

Connectors

| Description | Connector 1 | Connector 2 |
|------------------------------------|---------------|-------------------|
| Type | N Male | Straight Cut Lead |
| Specification | MIL-STD-348 | |
| Impedance | 75 Ohms | 0 Ohms |
| Contact Material and Plating | Brass, Gold | |
| Contact Plating Specification | MIL-G-45204 | |
| Dielectric Type | PTFE | |
| Body Material and Plating | Brass, Nickel | |
| Body Plating Specification | QQ-N-290 | |
| Coupling Nut Material and Plating | Brass, Nickel | |
| Coupling Nut Plating Specification | QQ-N-290 | |

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

Plotted and Other Data

Notes:

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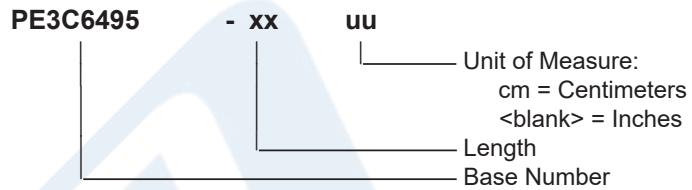
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How to Order

Part Number Configuration:



Example: PE3C6495-12 = 12 inches long cable
PE3C6495-100cm = 100 cm long cable

75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 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: [75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 Coax PE3C6495](#)

URL: <https://www.pasternack.com/75-ohm-n-male-to-straight-cut-lead-cable-using-rg187-pe3c6495-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.

PE3C6495 CAD Drawing

75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 Coax

