



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

### RF Cable Assemblies Technical Data Sheet

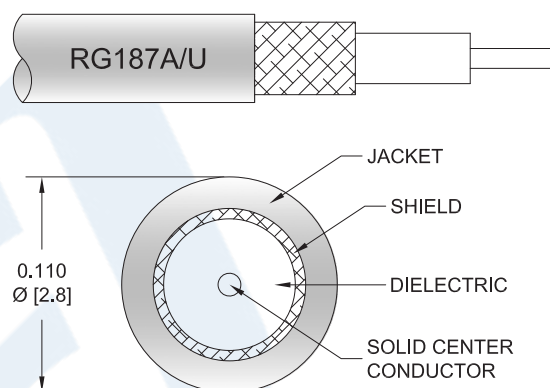
**PE3C6495**

#### 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:

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](#)



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

### RF Cable Assemblies Technical Data Sheet

**PE3C6495**

#### How to Order

Part Number Configuration:

**PE3C6495**

- **xx**

**uu**

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

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.

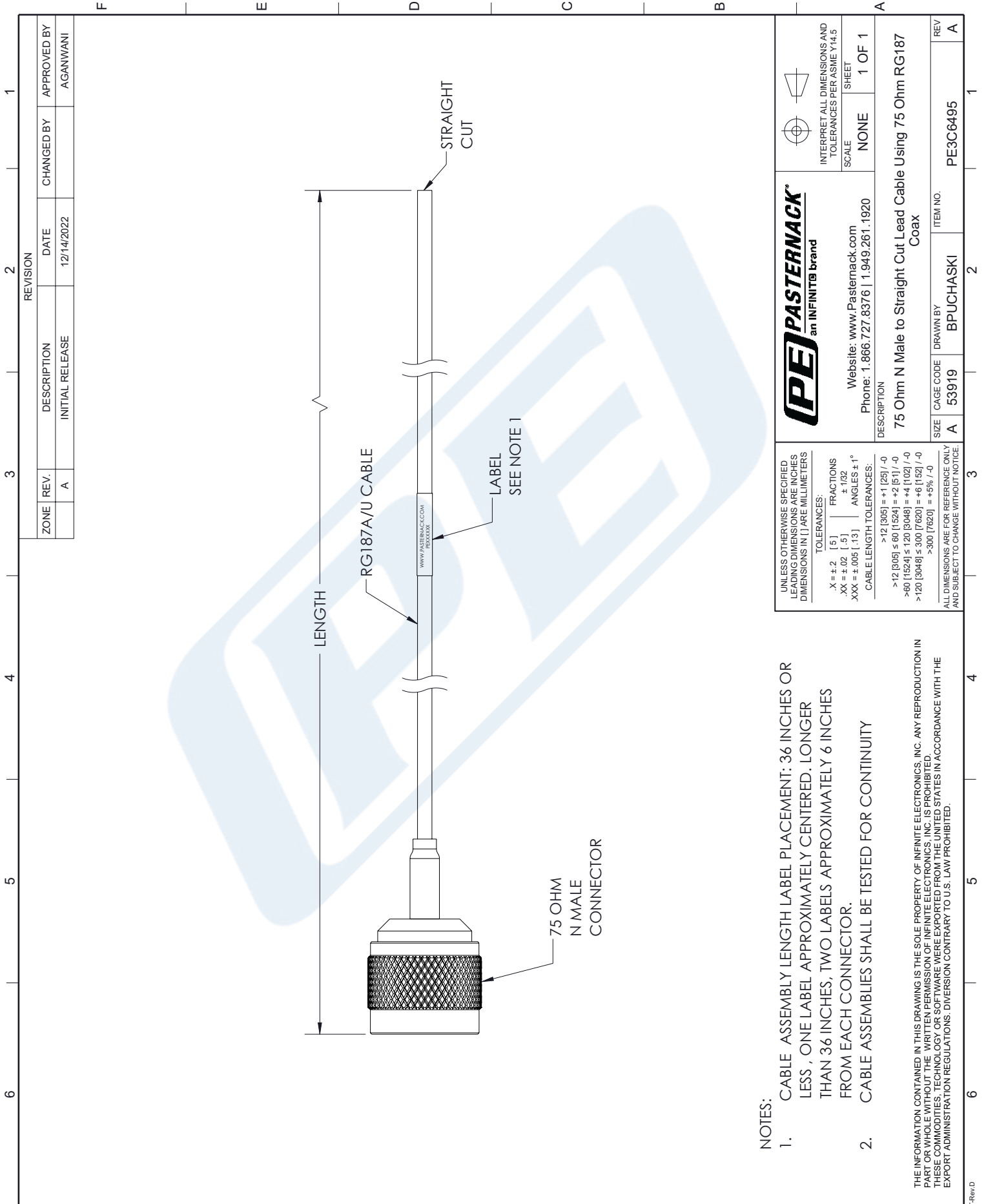
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 Coax PE3C6495](https://www.pasternack.com/75-ohm-n-male-to-straight-cut-lead-cable-using-rg187-pe3c6495-p.aspx)

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



## NOTES:

1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS , ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY

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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [ ] ARE MILLIMETERS	
TOLERANCES:	
X = ±.2 [ .5 ]	FRACTIONS ± 1/32
.XX = ±.02 [ .5 ]	ANGLES ± 1°
XXX = ±.005 [ .13 ]	
CABLE LENGTH TOLERANCES:	
>12 [305] = +1 [25] / -0	
>12 [305] ≤ 60 [1524] = +2 [51] / -0	
>60 [1524] ≤ 120 [3048] = +4 [102] / -0	
>120 [3048] ≤ 300 [7620] = +6 [152] / -0	
>300 [7620] = +5% / -0	
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	

<b>PE PASTERNAK</b> an INFINITE brand	
Website: <a href="http://www.Pasternack.com">www.Pasternack.com</a> Phone: 1.866.727.8376   1.949.261.1920	
INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	SCALE: NONE
SHEET 1 OF 1	
DESCRIPTION 75 Ohm N Male to Straight Cut Lead Cable Using 75 Ohm RG187 Coax	
SIZE A	CAGE CODE 53919
DRAWN BY BPUCHASKI	ITEM NO. PE3C6495
REV A	