



75 Ohm N Male to 75 Ohm F Male Cable Using 75 Ohm RG187 Coax with HeatShrink

RF Cable Assemblies Technical Data Sheet

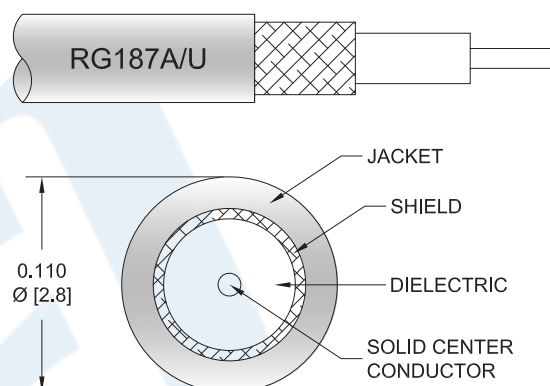
PE3W10206/HS

Configuration

- Connector 1: N Male
- Connector 2: F Male
- Cable Type: RG187

Features

- 70% Phase Velocity
- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W10206/HS 75 ohm type N male to 75 ohm type F male 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. This Pasternack type N to type F cable assembly has a male to male gender configuration with 75 ohm flexible RG187 coax.

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 0.096 lbs [43.54 g]

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 75 Ohm F Male Cable Using 75 Ohm RG187 Coax with HeatShrink PE3W10206/HS](#)



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Cable

Cable Type	RG187
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	F Male
Specification	MIL-STD-348	
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	MIL-G-45204	
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	QQ-N-290	
Hex Size		7/16 inch
Torque		12 in-lbs [1.36 Nm]

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

Plotted and Other Data

Notes:

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PE3W10206/HS

How to Order

Part Number Configuration:

PE3W10206/HS

- **xx**

uu

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

Example: PE3W10206/HS-12 = 12 inches long cable
PE3W10206/HS-100cm = 100 cm long cable

75 Ohm N Male to 75 Ohm F Male Cable Using 75 Ohm RG187 Coax with HeatShrink 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 75 Ohm F Male Cable Using 75 Ohm RG187 Coax with HeatShrink PE3W10206/HS](https://www.pasternack.com/75-ohm-n-male-to-75-ohm-f-male-cable-using-rg187-with-heatshrink-pe3w10206-hs-p.aspx)

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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.

PE3W10206/HS CAD Drawing

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