



75 Ohm N Female to 75 Ohm N Female Cable
100 cm Length Using 75 Ohm RG11 Coax

RF Cable Assemblies Technical Data Sheet

PE3W04530-100CM

Configuration

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

Features

- PVC Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W04530-100CM 75 ohm type N female to 75 ohm type N female 100 cm 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 female to female gender configuration with 75 ohm flexible RG11 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.

Mechanical Specifications

Cable Assembly

Length*	39.37 in [100 cm]
Diameter	0.75 in [19.05 mm]

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 Braid
Jacket Material	PVC, Black
Jacket Diameter	0.405 in [10.29 mm]

Repeated Minimum Bend Radius	4.5 in [114.3 mm]
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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 Female to 75 Ohm N Female Cable 100 cm Length Using 75 Ohm RG11 Coax PE3W04530-100CM](#)



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Connectors

Description	Connector 1	Connector 2
Type	N Female	N Female
Specification	MIL-STD-348	MIL-STD-348
Impedance	75 Ohms	75 Ohms
Contact Material and Plating	Silver	Silver
Contact Plating Specification	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290

Mechanical Specification Notes:

*All cable assemblies have a length tolerance of 1.5% or $\pm 3/8"$, whichever is greater.

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

Plotted and Other Data

Notes:

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How to Order

Part Number Configuration:

PE3W04530

- **xx**

uu

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

Example: PE3W04530-12 = 12 inches long cable
PE3W04530-100cm = 100 cm long cable

75 Ohm N Female to 75 Ohm N Female Cable 100 cm 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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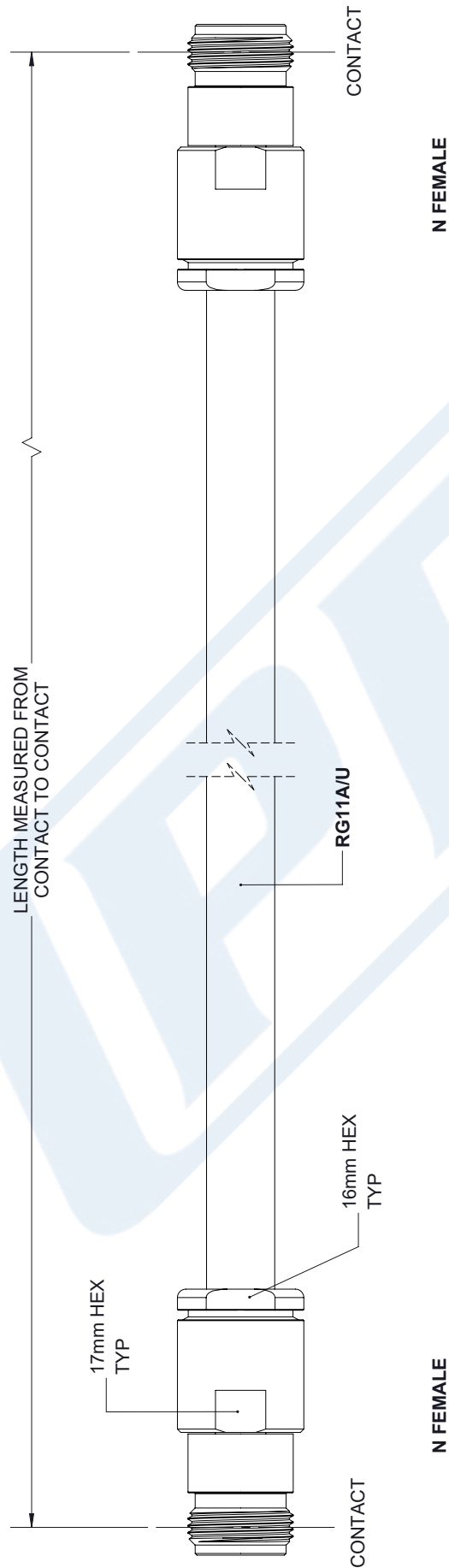
URL: <https://www.pasternack.com/n-female-n-female-rg11au-cable-assembly-pe3w04530-100cm-p.aspx>

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.

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	05/13/19	SELLIS



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