

75 Ohm F Male to 75 Ohm N Male Cable Using 75 Ohm RG179 Coax



PE3W09362

Configuration

- Connector 1: F Male
- Connector 2: N Male
- Cable Type: RG179
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W09362 75 ohm type F male to 75 ohm type N male cable using 75 ohm RG179 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 F to type N cable assembly has a male to male gender configuration with 75 ohm flexible RG179 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		19.4 [63.65]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Weight	0.085 lbs [38.56 g]
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Cable

Cable Type	RG179
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	FEP, Tan
Jacket Diameter	0.1 in [2.54 mm]
Repeated Minimum Bend Radius	0.4 in [10.16 mm]

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Connectors

Description	Connector 1	Connector 2
Type	F Male	N Male
Specification		MIL-STD-348
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
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	

Environmental Specifications

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

Plotted and Other Data

Notes:

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Typical Performance Data

How to Order

Part Number Configuration:

PE3W09362 - xx uu

Legend:

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

Example: PE3W09362-12 = 12 inches long cable
PE3W09362-100cm = 100 cm long cable

75 Ohm F Male to 75 Ohm N Male Cable Using 75 Ohm RG179 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 F Male to 75 Ohm N Male Cable Using 75 Ohm RG179 Coax PE3W09362](#)

URL: <https://www.pasternack.com/75-ohm-f-male-to-75-ohm-n-male-cable-using-rg179-pe3w09362-p.aspx>

The information contained within 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 Enterprises reserves the right to make such changes as required. Unless otherwise stated, all specifications are nominal. Pasternack Enterprises does not make any representation or warranty regarding the suitability of the part described herein for any particular purpose, and Pasternack Enterprises does not assume liability arising out of the use of any part or document.

PE3W09362 CAD Drawing

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