

## N Female Bulkhead to N Female 4 Hole Flange Cable Using RG401 Coax



### PE3W16942

#### Configuration

- Connector 1: N Female Bulkhead
- Connector 2: N Female 4 Hole Flange
- Cable Type: RG401
- Coax Flex Type: Semi-Rigid

#### Features

- 69.5% Phase Velocity

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W16942 type N female bulkhead to type N female 4 hole flange cable using RG401 coax is part of our full line of RF components available for same-day shipping. Pasternack's semi-rigid RF cable assemblies are ideal for high performance applications and can be formed, using proper tooling, to the routing pattern required. This Pasternack type N to type N cable assembly has a female to female gender configuration with 50 ohm semi-rigid RG401 coax. Our RF cable assembly with type N bulkhead and type N 4 hole flange interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		69.5		%
Capacitance		29.6 [97.11]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.393 lbs [178.26 g]

##### Cable

Cable Type	RG401
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor 1 Material and Plating	Copper

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Jacket Material	Tan
Repeated Minimum Bend Radius	0.5 in [12.7 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	N Female Bulkhead	N Female 4 Hole Flange
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	30 $\mu$ in. minimum	
Dielectric Type	Teflon	
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100 $\mu$ in. minimum	

**Environmental Specifications**

**Compliance Certifications** (see product page for current document)

**Plotted and Other Data**

Notes:

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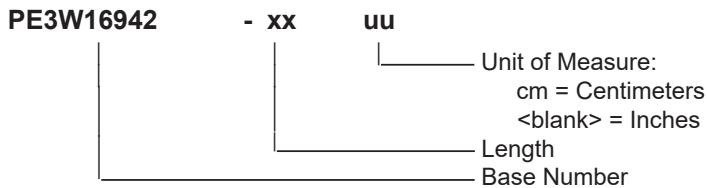


### PE3W16942

#### Typical Performance Data

#### How to Order

Part Number Configuration:



Example: PE3W16942-12 = 12 inches long cable  
PE3W16942-100cm = 100 cm long cable

N Female Bulkhead to N Female 4 Hole Flange Cable Using RG401 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: [N Female Bulkhead to N Female 4 Hole Flange Cable Using RG401 Coax PE3W16942](#)

URL: <https://www.pasternack.com/n-female-bulkhead-to-n-female-4-hole-flange-cable-using-rg401-pe3w16942-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.

PE3W16942 CAD Drawing

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