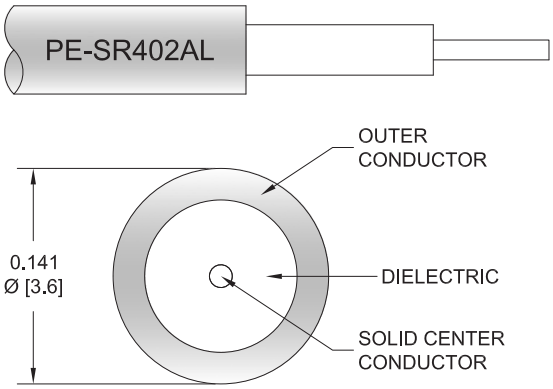
N Male to N Male Cable 6 Inch Length Using PE-SR402AL Coax

PE34138-6

Configuration

- Connector 1: N Male
- Connector 2: N Male
- Cable Type: PE-SR402AL
- Coax Flex Type: Semi-Rigid



Features

- Max Frequency 11 GHz

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE34138-6 type N male to type N male 6 inch cable using PE-SR402AL 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 male to male gender configuration with 50 ohm semi-rigid PE-SR402AL coax. The PE34138-6 type N male to type N male cable assembly operates to 11 GHz.

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
Frequency Range	DC		11	GHz
VSWR			1.4:1	

Specifications by Frequency

Description	F1	F2	F3	F4	F5	Units
Frequency	0.5	1	2.5	5	11	GHz
Insertion Loss (Typ.)	0.233	0.265	0.292	0.338	0.443	dB

Mechanical Specifications

Cable Assembly

Width/Diameter	0.827 in [21.01 mm]
Weight	0.175 lbs [79.38 g]

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Cable

Cable Type	PE-SR402AL
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor 1 Material and Plating	Tinned Aluminum
Repeated Minimum Bend Radius	0.15 in [3.81 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male	N Male
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	20 µin minimum	20 µin minimum
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Gold	Brass, Gold
Body Plating Specification	80 µin minimum	80 µin minimum
Seal Gasket Material	Silicone	Silicone

Environmental Specifications

Operating Range Temperature	-55 to +125 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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Typical Performance Data

How to Order

Part Number Configuration: **PE34138 - xx uu**

- uu — Unit of Measure:
  - cm = Centimeters
  - <blank> = Inches
- xx — Length
- PE34138 — Base Number

Example: PE34138-12 = 12 inches long cable
PE34138-100cm = 100 cm long cable

N Male to N Male Cable 6 Inch Length Using PE-SR402AL 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 Male to N Male Cable 6 Inch Length Using PE-SR402AL Coax PE34138-6

URL: https://www.pasternack.com/n-male-to-n-male-cable-6-inch-length-using-pe-sr402al-pe34138-6-p.aspx

PE34138-6 CAD Drawing

N Male to N Male Cable 6 Inch Length Using PE-SR402AL Coax