



N Male Right Angle to N Male Right Angle Cable Using PE-SR401FL Coax with 180 Deg. Clock, LF Solder

RF Cable Assemblies Technical Data Sheet

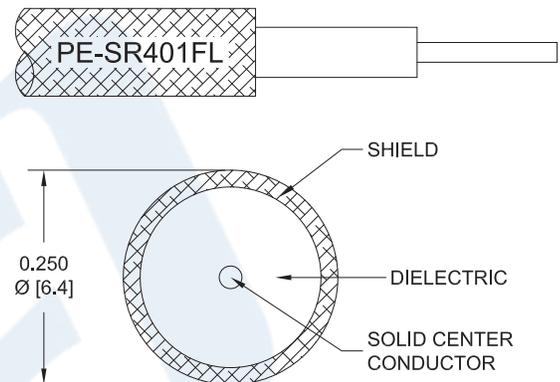
PE34680LF/PH180

Configuration

- Connector 1: N Male Right Angle
- Connector 2: N Male Right Angle
- Cable Type: PE-SR401FL

Features

- Shielding Effectivity > 100 dB
- 69.5% Phase Velocity



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE34680LF/PH180 type N male right angle to type N male right angle cable using PE-SR401FL coax is part of our full line of RF components available for same-day shipping. Pasternack's formable RF cable assemblies provide an alternative to costly pre-formed semi-rigid assemblies since they are hand formable. This Pasternack type N to type N cable assembly has a male to male gender configuration with 50 ohm formable PE-SR401FL coax. The right angle type N interfaces on the PE-SR401FL cable allow for easier connections in tight spaces.

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		%
RF Shielding	100			dB
Capacitance		29 [95.14]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle to N Male Right Angle Cable Using PE-SR401FL Coax with 180 Deg. Clock, LF Solder PE34680LF/PH180](#)



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Cable

Cable Type	PE-SR401FL
Impedance	50 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper, Silver
Dielectric Type	PTFE
Number of Shields	1
Outer Conductor Material and Plating	Tinned Copper Braid
One Time Minimum Bend Radius	1.18 in [29.97 mm]
Repeated Minimum Bend Radius	4.7 in [119.38 mm]

Connectors

Description	Connector 1	Connector 2
Type	N Male Right Angle	N Male Right Angle
Specification	MIL-STD-348A	MIL-STD-348A
Impedance	50 Ohms	50 Ohms
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification	30μ in. minimum	30μ in. minimum
Dielectric Type	Teflon	Teflon
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	100μ in. minimum	100μ in. minimum
Coupling Nut Material and Plating	Brass, Nickel	Brass, Nickel
Coupling Nut Plating Specification	100μ in. minimum	100μ in. minimum

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

Plotted and Other Data

Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [N Male Right Angle to N Male Right Angle Cable Using PE-SR401FL Coax with 180 Deg. Clock, LF Solder PE34680LF/PH180](#)



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PE34680LF/PH180

How to Order

Part Number Configuration: **PE34680LF/PH180** - **xx** **uu**

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

Example: PE34680LF/PH180-12 = 12 inches long cable
 PE34680LF/PH180-100cm = 100 cm long cable

N Male Right Angle to N Male Right Angle Cable Using PE-SR401FL Coax with 180 Deg. Clock, LF Solder 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.

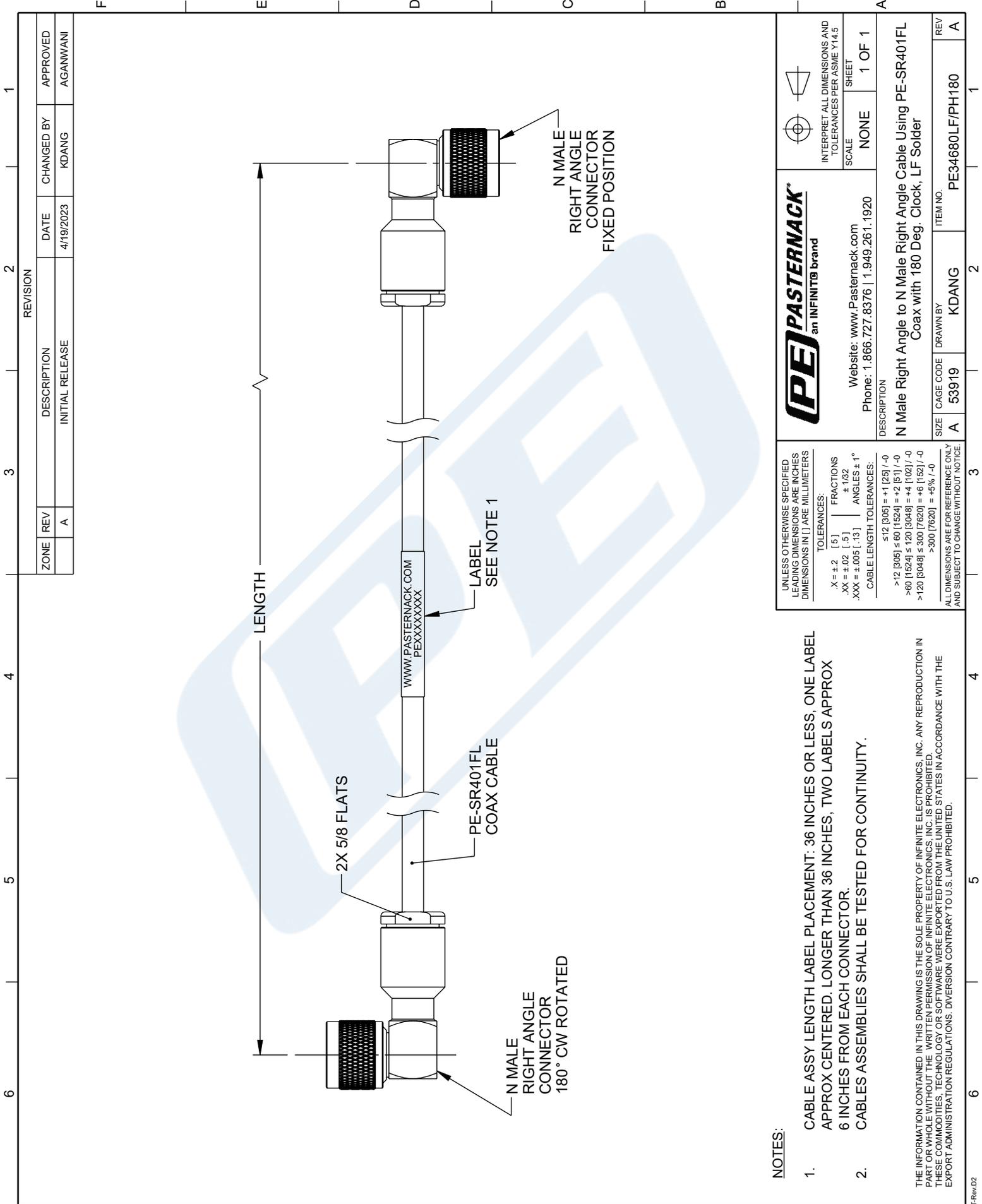
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URL: <https://www.pasternack.com/n-male-right-angle-to-n-male-cable-using-pe-sr401fl-with-180-deg.-clock-lf-solder-pe34680lf-ph180-p.aspx>

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.

PE34680LF/PH180 CAD Drawing

N Male Right Angle to N Male Right Angle Cable Using PE-SR401FL Coax with 180 Deg. Clock, LF Solder



ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	4/19/2023	KDANG	AGANWANI

<p>PASTERNAK an INFINIT® brand</p> <p>Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>
<p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES: .X = ±.2 [.5] FRACTIONS ±.1/32 .XX = ±.02 [.5] ANGLES ± 1° .XXX = ±.005 [.13]</p> <p>CABLE LENGTH TOLERANCES: ≤12 [305] = +.1 [25] / -0 >12 [305] ≤ 60 [1524] = +.2 [51] / -0 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0 >120 [3048] ≤ 300 [7620] = +.6 [152] / -0 >300 [7620] = +.6% / -0</p> <p>ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.</p>		
<p>DESCRIPTION</p> <p>N Male Right Angle to N Male Right Angle Cable Using PE-SR401FL Coax with 180 Deg. Clock, LF Solder</p>		<p>ITEM NO. PE34680LF/PH180</p>
<p>SIZE A</p>	<p>CAGE CODE 53919</p>	<p>DRAWN BY KDANG</p>

NOTES:

- CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN 36 INCHES, TWO LABELS APPROX 6 INCHES FROM EACH CONNECTOR.
- CABLES ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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