



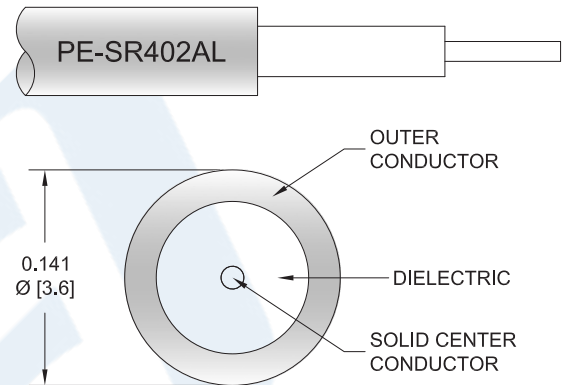
TNC Male Right Angle to TNC Male Cable
50 cm Length Using PE-SR402AL Coax

RF Cable Assemblies Technical Data Sheet

PE3W07649-50CM

Configuration

- Connector 1: TNC Male Right Angle
- Connector 2: TNC Male
- Cable Type: PE-SR402AL



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3W07649-50CM TNC male right angle to TNC male 50 cm 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 TNC to TNC cable assembly has a male to male gender configuration with 50 ohm semi-rigid PE-SR402AL coax. The right angle TNC interface on the PE-SR402AL cable allows 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.

Mechanical Specifications

Cable Assembly

Length* 19.68 in [499.87 mm]

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 Material and Plating | Tinned Aluminum |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [TNC Male Right Angle to TNC Male Cable 50 cm Length Using PE-SR402AL Coax PE3W07649-50CM](#)



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Repeated Minimum Bend Radius 0.15 in [3.81 mm]

Connectors

| Description | Connector 1 | Connector 2 |
|-----------------------------------|-------------------------|---------------|
| Type | TNC Male Right Angle | TNC Male |
| Impedance | 50 Ohms | 50 Ohms |
| Contact Material and Plating | Brass, Gold over Nickel | |
| Dielectric Type | PTFE | |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Coupling Nut Material and Plating | Brass, Nickel | |

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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PE3W07649-50CM

How to Order

Part Number Configuration:

PE3W07649

- **xx**

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

Example: PE3W07649-12 = 12 inches long cable
PE3W07649-100cm = 100 cm long cable

TNC Male Right Angle to TNC Male Cable 50 cm 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.

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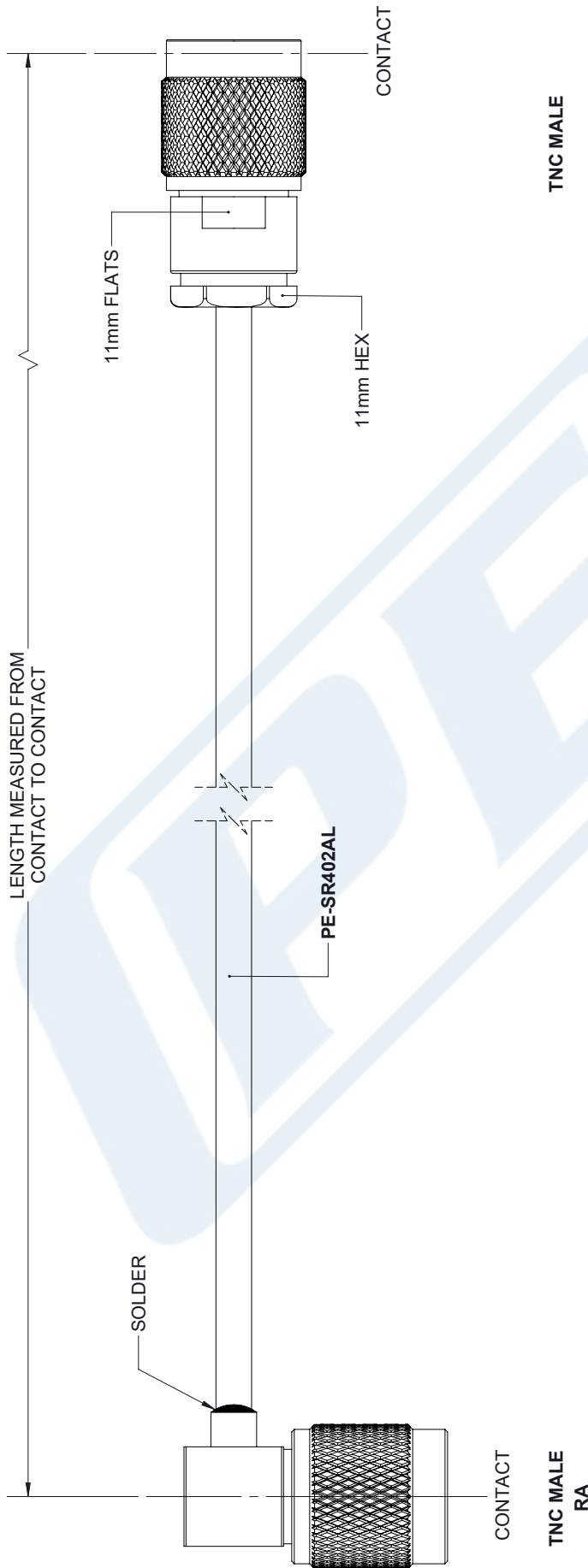
URL: <https://www.pasternack.com/tnc-male-tnc-male-pe-sr402al-cable-assembly-pe3w07649-50cm-p.aspx>

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.

PE3W07649-50CM CAD Drawing

TNC Male Right Angle to TNC Male Cable 50 cm Length Using PE-SR402AL Coax

| REVISIONS | | | |
|-----------|-----------------|----------|----------|
| REV. | DESCRIPTION | DATE | APPROVED |
| A | INITIAL RELEASE | 04/23/19 | S. ELLIS |



| | | | |
|--|-------|--|-------------|
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| SIZE | CAGE | DRAWN BY | PART NUMBER |
| A | 53919 | K.DANG | PE3W07649 |
| REV | | | A |