



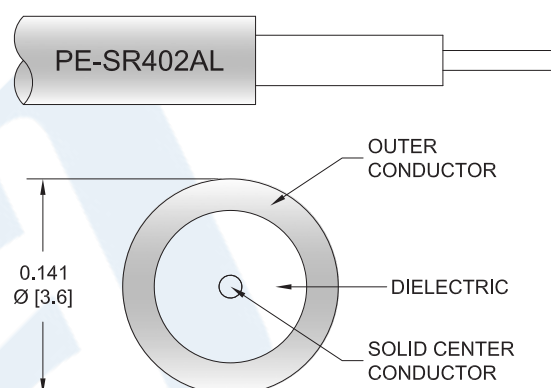
## TNC Male Right Angle to TNC Male Cable 36 Inch Length Using PE-SR402AL Coax

### RF Cable Assemblies Technical Data Sheet

PE3W07649-36

#### Configuration

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



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W07649-36 TNC male right angle to TNC male 36 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 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\*

36 in [914.4 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 36 Inch Length Using PE-SR402AL Coax PE3W07649-36](#)



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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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RF Cable Assemblies Technical Data Sheet

PE3W07649-36

**How to Order**

Part Number Configuration:

**PE3W07649**

- **xx**

**uu**

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 36 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: [TNC Male Right Angle to TNC Male Cable 36 Inch Length Using PE-SR402AL Coax PE3W07649-36](https://www.pasternack.com/tnc-male-tnc-male-pe-sr402al-cable-assembly-pe3w07649-36-p.aspx)

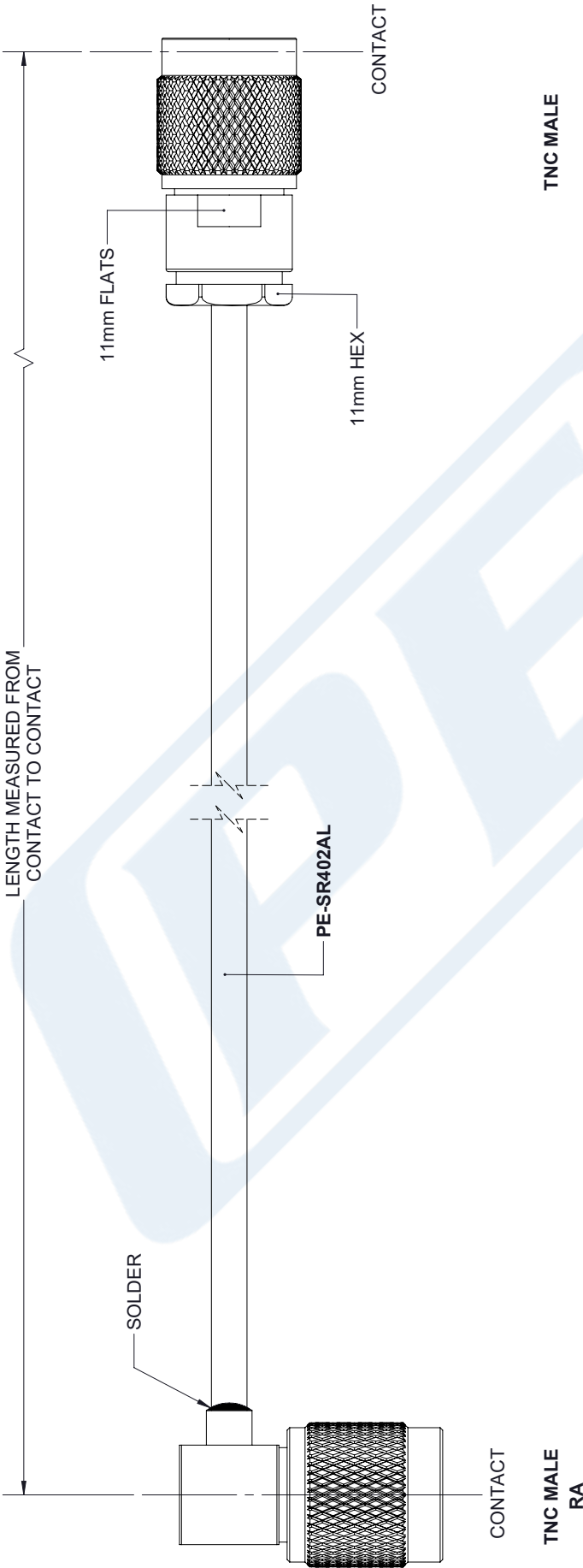
URL: <https://www.pasternack.com/tnc-male-tnc-male-pe-sr402al-cable-assembly-pe3w07649-36-p.aspx>

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PE3W07649-36 CAD Drawing

TNC Male Right Angle to TNC Male Cable 36 Inch Length Using PE-SR402AL Coax

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	04/23/19	SELLIS



UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [ ] ARE MILLIMETERS			
TOLERANCES:			
X±.2	[5.08]	FRACTIONS	
.XX±.01	[.25]		±.132
.XXX±.005	[.13]	ANGLES	± 1°
ALL DIMENSIONS SHOWN ARE FOR REFERENCE ONLY.			
THIRD-ANGLE PROJECTION			

		Pasternack Enterprises, Inc. P.O. Box 16759, Irvine, CA 92623. Phone: 1.949.261.1920   1.866.727.8376 Fax: 1.949.261.7451 www.pasternack.com   e-mail: sales@pasternack.com	
SIZE	CAGE	DRAWN BY	PART NUMBER
A	53919	K.DANG	PE3W07649
			REV
			A

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SCALE		N/A	

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