

75 Ohm TNC Male to 75 Ohm BNC Male Cable
36 Inch Length Using 75 Ohm RG179 Coax



PE35362-36

Configuration

- Connector 1: TNC Male
- Connector 2: BNC Male
- Cable Type: RG179
- Coax Flex Type: Flexible

Features

- FEP Jacket

Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE35362-36 75 ohm TNC male to 75 ohm BNC male 36 inch cable using 75 ohm RG179 coax is part of our full line of RF components available for same-day shipping. Pasternack's flexible RF cable assemblies are ideal for applications where tight bends and flexure are required. This Pasternack TNC to BNC cable assembly has a male to male gender configuration with 75 ohm flexible RG179 coax.

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 |
|-------------|---------|------------|---------|--------------|
| Capacitance | | 23 [75.46] | | pF/ft [pF/m] |

Mechanical Specifications

Cable Assembly

| | |
|--------|---------------------|
| Length | 36 in [914.4 mm] |
| Weight | 0.088 lbs [39.92 g] |

Cable

| | |
|--------------------------------------|----------------------------|
| Cable Type | RG179 |
| Impedance | 75 Ohms |
| Inner Conductor Type | Stranded |
| Inner Conductor Material and Plating | Copper Clad Steel, Silver |
| Dielectric Type | PTFE |
| Number of Shields | 1 |
| Shield Layer 1 | Silver Plated Copper Braid |
| Jacket Material | FEP, Tan |
| Jacket Diameter | 0.1 in [2.54 mm] |

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Connectors

| Description | Connector 1 | Connector 2 |
|-------------------------------|---------------|------------------|
| Type | TNC Male | BNC Male |
| Impedance | 75 Ohms | 75 Ohms |
| Configuration | Straight | Straight |
| Contact Material and Plating | | Brass, Gold |
| Contact Plating Specification | | 30μ in. minimum |
| Dielectric Type | | Teflon |
| Body Material and Plating | Brass, Nickel | Brass, Nickel |
| Body Plating Specification | | 100μ in. minimum |

Environmental Specifications

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

Plotted and Other Data

Notes:
Values at 25°C, sea level.

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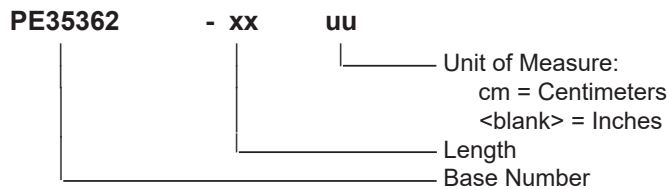


PE35362-36

Typical Performance Data

How to Order

Part Number Configuration:



Example: PE35362-12 = 12 inches long cable
PE35362-100cm = 100 cm long cable

75 Ohm TNC Male to 75 Ohm BNC Male Cable 36 Inch Length Using 75 Ohm RG179 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.

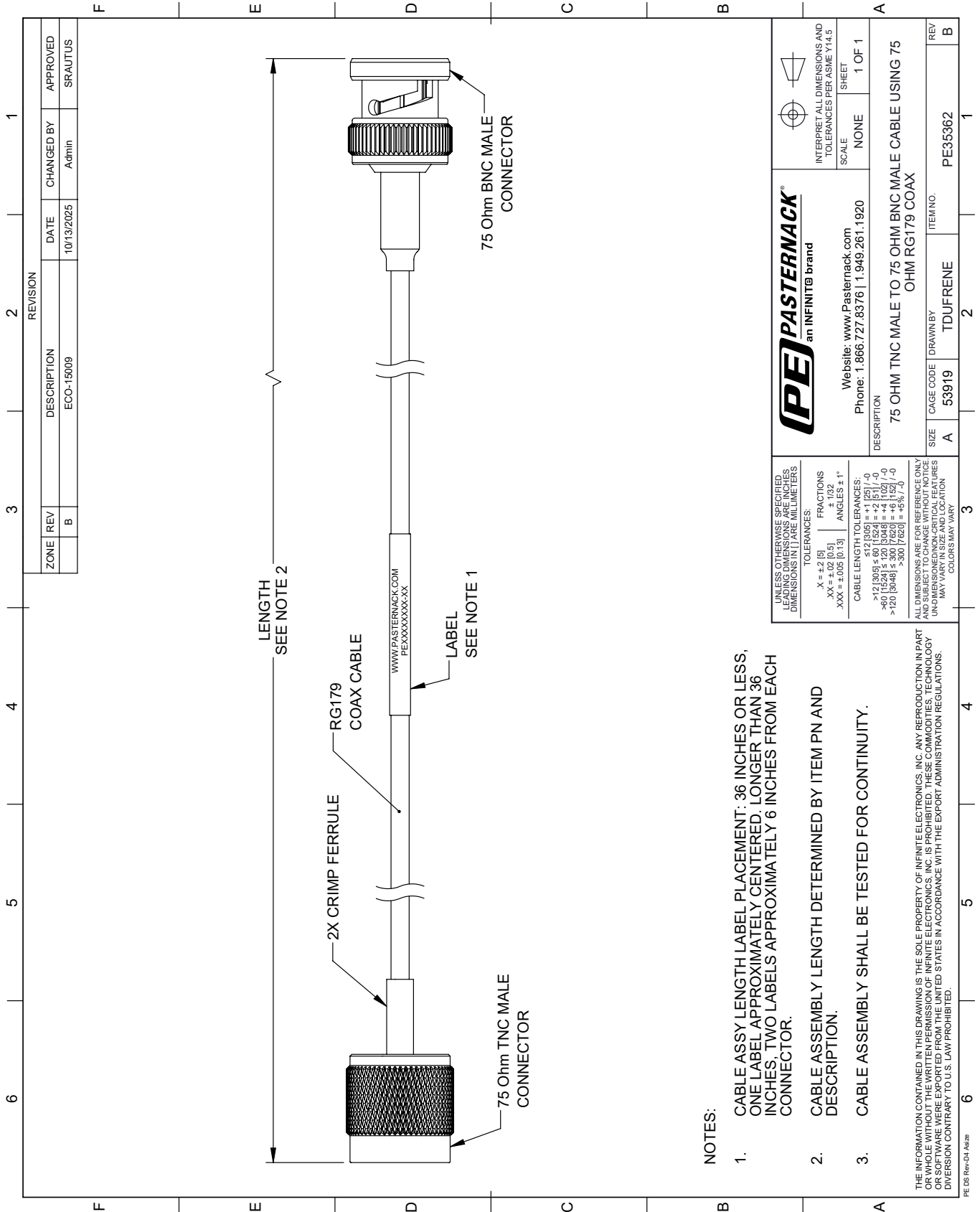
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm TNC Male to 75 Ohm BNC Male Cable 36 Inch Length Using 75 Ohm RG179 Coax PE35362-36](#)

URL: <https://www.pasternack.com/tnc-male-bnc-male-rg179bu-cable-assembly-pe35362-36-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.

PE35362-36 CAD Drawing

75 Ohm TNC Male to 75 Ohm BNC Male Cable 36 Inch Length Using 75 Ohm RG179 Coax



| REVISION | | DATE | CHANGED BY | APPROVED |
|-------------|-----|------------|------------|----------|
| ZONE | REV | | | |
| | B | 10/13/2025 | Admin | SRAUTUS |
| DESCRIPTION | | | | |
| ECO-15009 | | | | |

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INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5

SCALE: NONE
SHEET: 1 OF 1

DESCRIPTION: 75 OHM TNC MALE TO 75 OHM BNC MALE CABLE USING 75 OHM RG179 COAX

| | | | | | | | |
|------|---|-----------|-------|----------|-----------|----------|---------|
| SIZE | A | CAGE CODE | 53919 | DRAWN BY | TDUJFRENE | ITEM NO. | PE35362 |
| REV | B | | | | | | |

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. LEADING DIMENSIONS SHALL BE INCHES. DIMENSIONS IN [] ARE MILLIMETERS.

TOLERANCES:
 .X = ±.2 [5]
 .XX = ±.02 [0.5]
 .XXX = ±.005 [0.13]
 FRACTIONS ± 1/32
 ANGLES ± 1°

CABLE LENGTH TOLERANCES:
 >12 [305] ≤ 60 [1524] = ±.125 [-0
 >60 [1524] ≤ 120 [3048] = ±.15 [-0
 >120 [3048] ≤ 300 [7620] = ±.192 [-0
 >300 [7620] = ±.25 [-0

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES. LEADING DIMENSIONS SHALL BE INCHES. DIMENSIONS IN [] ARE MILLIMETERS. COLORS MAY VARY.

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PE DS Rev-04 Add2

NOTES:

1. CABLE ASSY LENGTH LABEL PLACEMENT: 36 INCHES OR LESS, ONE LABEL APPROXIMATELY CENTERED, LONGER THAN 36 INCHES, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
2. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.
3. CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.