



SMA Male to BNC Male Cable 24 Inch Length  
Using RG405 Coax , LF Solder

## RF Cable Assemblies Technical Data Sheet

**PE3W00079LF-24**

### Configuration

- Connector 1: SMA Male
- Connector 2: BNC Male
- Cable Type: RG405

### Applications

- General Purpose
- Laboratory Use

### Description

Pasternack's PE3W00079LF-24 SMA male to BNC male 24 inch cable using RG405 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 SMA to BNC cable assembly has a male to male gender configuration with 50 ohm semi-rigid RG405 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.

### Mechanical Specifications

#### Cable Assembly

Length\*

24 in [609.6 mm]

#### Cable

Cable Type

RG405

Impedance

50 Ohms

Inner Conductor Type

Solid

Inner Conductor Material and Plating

Copper Clad Steel, Silver

Dielectric Type

PTFE

Number of Shields

1

Shield Layer 1

Copper

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to BNC Male Cable 24 Inch Length Using RG405 Coax , LF Solder PE3W-00079LF-24](#)



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### Connectors

| Description                        | Connector 1                  | Connector 2   |
|------------------------------------|------------------------------|---------------|
| Type                               | SMA Male                     | BNC Male      |
| Impedance                          | 50 Ohms                      | 50 Ohms       |
| Mating Cycles                      | 500                          |               |
| Contact Material and Plating       | Brass, Gold                  |               |
| Contact Plating Specification      | 50μ in. minimum, MIL-G-45204 |               |
| Dielectric Type                    | PTFE                         |               |
| Body Material and Plating          | Stainless Steel, Gold        | Brass, Nickel |
| Body Plating Specification         | MIL-G-45204                  |               |
| Coupling Nut Material and Plating  | Brass, Nickel                |               |
| Coupling Nut Plating Specification | QQ-N-290                     |               |
| Hex Size                           | 5/16 in.                     |               |
| Torque                             | 5 in-lbs [0.57 Nm]           |               |

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:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to BNC Male Cable 24 Inch Length Using RG405 Coax , LF Solder PE3W-00079LF-24](#)



## SMA Male to BNC Male Cable 24 Inch Length Using RG405 Coax , LF Solder

### RF Cable Assemblies Technical Data Sheet

**PE3W00079LF-24**

#### How to Order

Part Number Configuration:

**PE3W00079LF**

**- xx**

**uu**

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

Example: PE3W00079LF-12 = 12 inches long cable  
PE3W00079LF-100cm = 100 cm long cable

SMA Male to BNC Male Cable 24 Inch Length Using RG405 Coax , 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.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [SMA Male to BNC Male Cable 24 Inch Length Using RG405 Coax , LF Solder PE3W00079LF-24](https://www.pasternack.com/sma-male-bnc-male-rg405u-cable-assembly-pe3w00079lf-24-p.aspx)

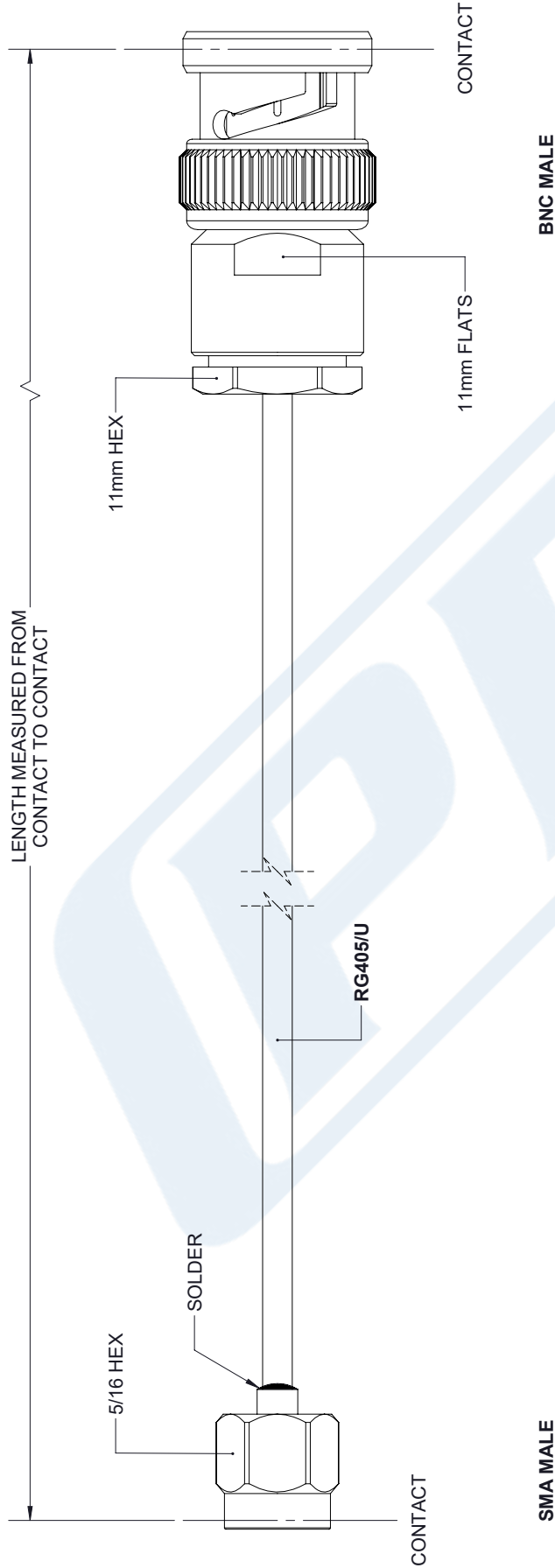
URL: <https://www.pasternack.com/sma-male-bnc-male-rg405u-cable-assembly-pe3w00079lf-24-p.aspx>

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.

# PE3W00079LF-24 CAD Drawing

SMA Male to BNC Male Cable 24 Inch Length Using RG405 Coax , LF Solder

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



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

|                                                                                                                                                                                         |             |
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| SIZE                                                                                                                                                                                    | CAGE        |
| A                                                                                                                                                                                       | 53919       |
| DRAWN BY                                                                                                                                                                                | K.DANG      |
| PART NUMBER                                                                                                                                                                             | PE3W00079LF |
| REV                                                                                                                                                                                     | A           |

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|------------------------------------------------------------------------------------------------------------------------|--------|
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