



BNC Twinax Plug to BNC Twinax Plug Cable 900 Inch  
Length Using 78 Ohm RG108 Coax, RoHS

## RF Cable Assemblies Technical Data Sheet

**PE3480LF-900**

### Configuration

- Connector 1: BNC Twinax Plug
- Connector 2: BNC Twinax Plug
- Cable Type: RG108

### Electrical Specifications

| Description             | Minimum | Typical      | Maximum | Units        |
|-------------------------|---------|--------------|---------|--------------|
| Velocity of Propagation |         | 66           |         | %            |
| Capacitance             |         | 19.7 [64.63] |         | pF/ft [pF/m] |

### Mechanical Specifications

#### Cable Assembly

|          |                    |
|----------|--------------------|
| Length   | 900 in [22.86 m]   |
| Diameter | 0.571 in [14.5 mm] |
| Weight   | 2.97 lbs [1.35 Kg] |

#### Cable

|                                      |                     |
|--------------------------------------|---------------------|
| Cable Type                           | RG108               |
| Impedance                            | 78 Ohms             |
| Inner Conductor Type                 | Stranded            |
| Inner Conductor Material and Plating | Copper, Tin         |
| Dielectric Type                      | PE (LD)             |
| Number of Shields                    | 1                   |
| Shield Layer 1                       | Tinned Copper Braid |
| Jacket Material                      | PVC, Black          |
| Jacket Diameter                      | 0.235 in [5.97 mm]  |

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Plug to BNC Twinax Plug Cable 900 Inch Length Using 78 Ohm RG108 Coax, RoHS PE3480LF-900](#)



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### Connectors

| Description                   | Connector 1                  | Connector 2                  |
|-------------------------------|------------------------------|------------------------------|
| Type                          | BNC Twinax Plug              | BNC Twinax Plug              |
| Specification                 | MIL-STD-348A                 | MIL-STD-348A                 |
| Impedance                     | 78 Ohms                      | 78 Ohms                      |
| Contact Material and Plating  | Brass/Beryllium Copper, Gold | Brass/Beryllium Copper, 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             |

### Compliance Certifications (visit [www.Pasternack.com](http://www.Pasternack.com) for current document)

|                 |            |
|-----------------|------------|
| RoHS Compliant  | Yes        |
| REACH Compliant | 12/17/2015 |

### Plotted and Other Data

Notes:

- Values at 25°C, sea level.

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**PE3480LF-900**

### How to Order

Part Number Configuration:

**PE3480LF**

- **xx**

**uu**

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

Example: PE3480LF-12 = 12 inches long cable  
PE3480LF-100cm = 100 cm long cable

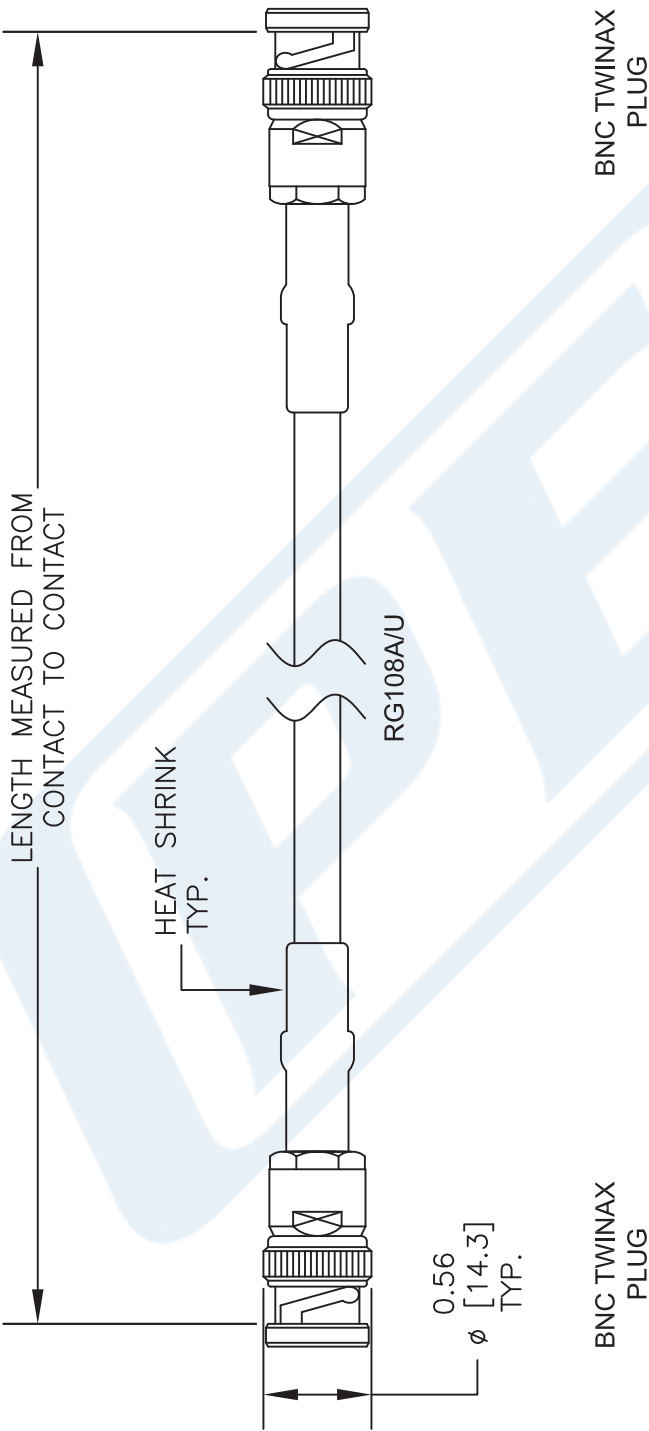
BNC Twinax Plug to BNC Twinax Plug Cable 900 Inch Length Using 78 Ohm RG108 Coax, RoHS from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Plug to BNC Twinax Plug Cable 900 Inch Length Using 78 Ohm RG108 Coax, RoHS PE3480LF-900](http://www.pasternack.com/bnc-twinax-plug-bnc-twinax-plug-rg108au-cable-assembly-pe3480lf-900-p.aspx)

URL: <http://www.pasternack.com/bnc-twinax-plug-bnc-twinax-plug-rg108au-cable-assembly-pe3480lf-900-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.

**PE3480LF-900 CAD Drawing**  
BNC Twinax Plug to BNC Twinax Plug Cable 900 Inch  
Length Using 78 Ohm RG108 Coax, RoHS



NOTES:  
1. UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE NOMINAL.  
2. ALL SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE AT ANY TIME.  
3. DIMENSIONS ARE IN INCHES [mm].  
4. LENGTH TOLERANCE IS  $\pm 1.5\%$  OR  $3/8"$ , WHICHEVER IS GREATER.

DWG TITLE  
**PE3480LF**

FSCM NO. 53919

CAD FILE 030816

SCALE N/A

SIZE A

2233

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