



Lead Free TRB Threaded Plug with Blunt  
Cut for PE-30-02001, 12" Cable

**RF Cable Assemblies Technical Data Sheet**

**PE3MSA00567-12**

**Configuration**

- Connector 1: TRB Plug
- Connector 2: Blunt Cut Genderless
- Cable Type: 30-02001
- Coax Flex Type: Flexible

**Features**

- Max Frequency 400 MHz
- PVC Jacket
- MIL-STD-1553
- -20°C to +75°C
- 78 ohms

**Applications**

- General Purpose
- Laboratory Use
- MIL-STD-1553
- Data

**Description**

Pasternack's PE3MSA00567-12 78 ohm TRB plug to Blunt cut genderless 12 inch cable using 78 ohm PE-30-02001 twinax 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 TRB to Blunt Cut cable assembly has a plug to genderless gender configuration with 78 ohm flexible 30-02001 twinax. The PE3MSA00567-12 TRB plug to Blunt cut genderless cable assembly operates to 400 MHz.

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        |
|------------------------|---------|--------------|---------|--------------|
| Frequency Range        | DC      |              | 400     | MHz          |
| Capacitance            |         | 19.7 [64.63] |         | pF/ft [pF/m] |
| Operating Voltage (AC) |         |              | 1,000   | Vrms         |

**Specifications by Frequency**

| Description | F1 | F2 | F3  | F4  | F5  | Units |
|-------------|----|----|-----|-----|-----|-------|
| Frequency   | 10 | 50 | 100 | 200 | 400 | MHz   |

Insertion Loss (Typ.)

Electrical Specification Notes:

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 12" Cable PE3MSA00567-12](#)



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The Insertion Loss data above is based on the performance specifications of the coax and connectors used in this assembly. The Insertion Loss includes an estimated insertion loss of 0.1 dB per connector.

**Mechanical Specifications**

**Cable Assembly**

|         |                     |
|---------|---------------------|
| Length* | 12 in [304.8 mm]    |
| Weight  | 0.124 lbs [56.25 g] |

**Cable**

|                                      |                      |
|--------------------------------------|----------------------|
| Cable Type                           | 30-02001             |
| Impedance                            | 78 Ohms              |
| Inner Conductor Type                 | Stranded             |
| Inner Conductor Material and Plating | Copper, Silver       |
| Dielectric Type                      | PE                   |
| Shield Layer 1                       | Silver Plated Copper |
| Jacket Material                      | PVC, Blue            |

|                              |                    |
|------------------------------|--------------------|
| One Time Minimum Bend Radius | 2.42 in [61.47 mm] |
|------------------------------|--------------------|

**Connectors**

| Description                           | Connector 1                  | Connector 2          |
|---------------------------------------|------------------------------|----------------------|
| Type                                  | TRB Plug                     | Blunt Cut Genderless |
| Impedance                             | 78 Ohms                      |                      |
| Contact Material and Plating          | Bronze, Gold 30 micro inches |                      |
| Contact Plating Specification         | ASTM-B-488                   |                      |
| Dielectric Type                       | Teflon                       |                      |
| Outer Conductor Material and Plating  | Phosphor Bronze, Gold        |                      |
| Outer Conductor Plating Specification | 30 micro inches              |                      |
| Body Material and Plating             | Brass, Nickel                |                      |
| Body Plating Specification            | ASTM-B-733                   |                      |

**Environmental Specifications**

**Temperature**

|                 |                  |
|-----------------|------------------|
| Operating Range | -20 to +75 deg C |
|-----------------|------------------|

**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: [Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 12" Cable PE3MSA00567-12](#)



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### RF Cable Assemblies Technical Data Sheet

**PE3MSA00567-12**

#### How to Order

Part Number Configuration:

**PE3MSA00567**

- **xx**

**uu**

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

Example: PE3MSA00567-12 = 12 inches long cable  
PE3MSA00567-100cm = 100 cm long cable

Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 12" Cable 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.

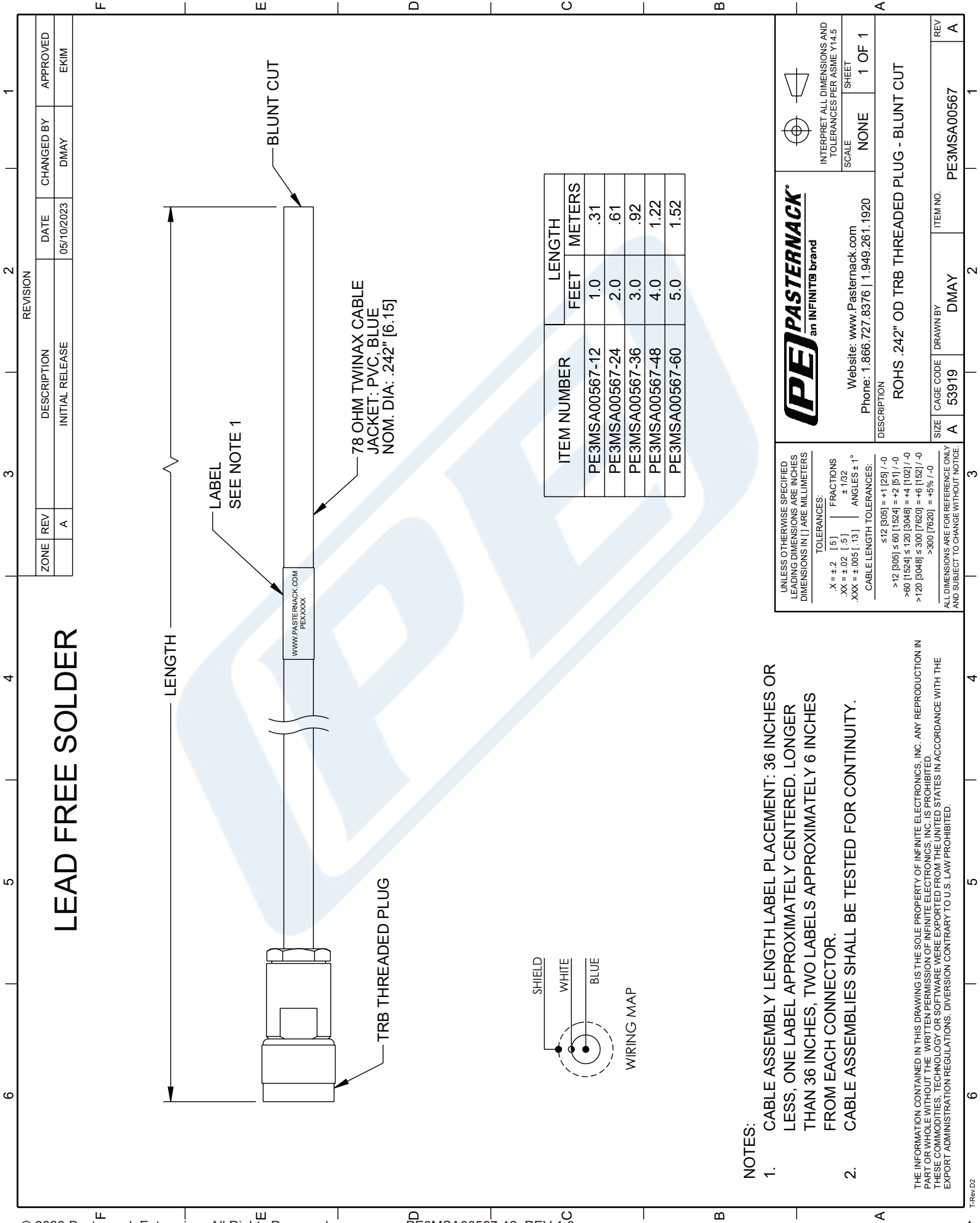
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 12" Cable PE3MSA00567-12](#)

URL: <https://www.pasternack.com/lead-free-trb-plug-bulkhead-to-blunt-cut-genderless-1553-cable-12-inch-length-using-pe-30-02001-pe3msa00567-12-p.aspx>

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PE3MSA00567-12 CAD Drawing

Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 12" Cable



NOTES:

1.

CABLE ASSEMBLY 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 ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.

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