



Lead Free TRB Threaded Plug with Blunt
Cut for PE-30-02001, 60" Cable

RF Cable Assemblies Technical Data Sheet

PE3MSA00567-60

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 PE3MSA00567-60 78 ohm TRB plug to Blunt cut genderless 60 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 PE3MSA00567-60 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, 60" Cable PE3MSA00567-60](#)



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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*	60 in [152.4 cm]
Weight	0.3 lbs [136.08 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]
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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
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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, 60" Cable PE3MSA00567-60](#)



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How to Order

Part Number Configuration:

PE3MSA00567

- **xx**

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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, 60" 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.

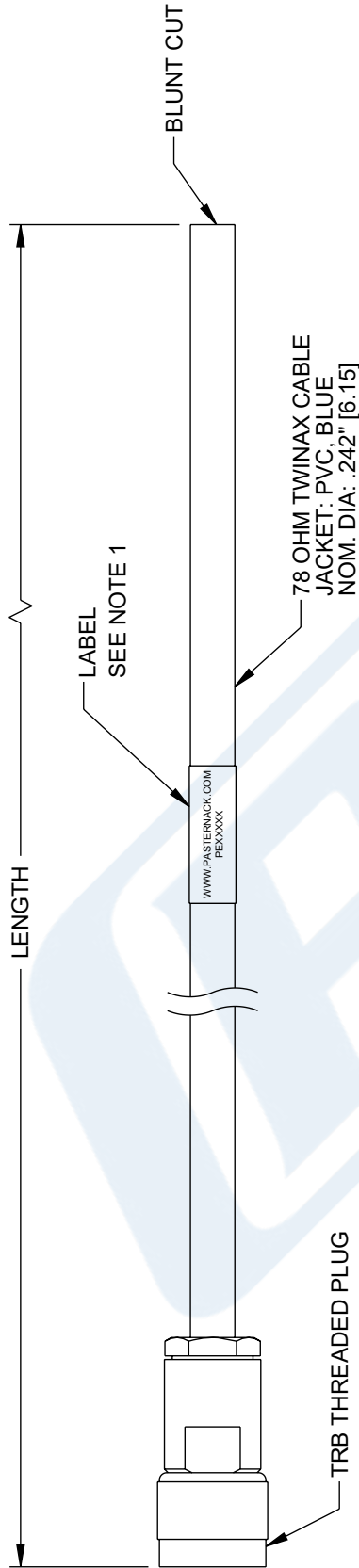
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 60" Cable PE3MSA00567-60](#)

URL: <https://www.pasternack.com/lead-free-trb-plug-bulkhead-to-blunt-cut-genderless-1553-cable-60-inch-length-using-pe-30-02001-pe3msa00567-60-p.aspx>

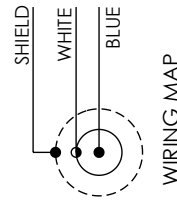
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Lead Free TRB Threaded Plug with Blunt Cut for PE-30-02001, 60" Cable

LEAD FREE SOLDER



ITEM NUMBER	LENGTH	
	FEET	METERS
PE3MSA00567-12	1.0	.31
PE3MSA00567-24	2.0	.61
PE3MSA00567-36	3.0	.92
PE3MSA00567-48	4.0	1.22
PE3MSA00567-60	5.0	1.52



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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UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS		 		INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
PE PASTERNAK an INFINITO brand Website: www.Pastermack.com Phone: 1.866.727.8376 1.949.261.1920 SCALE NONE SHEET 1 OF 1					
DESCRIPTION ROHS .242" OD TRB THREADED PLUG - BLUNT CUT					
SIZE A		CAGE CODE 53919		ITEM NO. PE3MSA00567	
DRAWN BY DMAY		REV A		ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE.	