

MCX Jack Bulkhead to Trimmed Lead Cable 24 Inch Length Using RG196 Coax



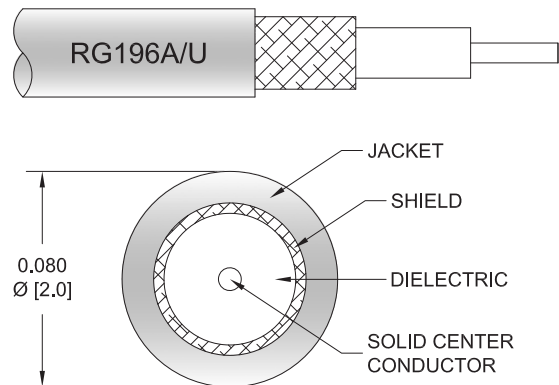
PE3C4710-24

Configuration

- Connector 1: MCX Jack Bulkhead
- Connector 2: Trimmed Lead
- Cable Type: RG196
- Coax Flex Type: Flexible

Features

- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C4710-24 50 ohm MCX jack bulkhead to trimmed lead 24 inch cable using RG196 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. Our RF cable assembly with MCX bulkhead interface allows designers to create external connections on their product enclosures, and can be used in a variety of other rack mount and panel mount applications.

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		32 [104.99]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Length	24 in [609.6 mm]
Width/Diameter	0.5 in [12.7 mm]
Weight	0.015 lbs [6.8 g]

Cable

Cable Type	RG196
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE

MCX Jack Bulkhead to Trimmed Lead Cable 24 Inch Length Using RG196 Coax



PE3C4710-24

Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	PTFE, White
Jacket Diameter	0.08 in [2.03 mm]

Connectors

Description	Connector 1	Connector 2
Type	MCX Jack Bulkhead	Trimmed Lead
Specification	MIL-C-39012	
Impedance	50 Ohms	0 Ohms
Configuration	Straight	Straight
Mating Cycles	500	
Contact Material and Plating	Beryllium Copper, Gold over Nickel	
Contact Plating Specification	30 μin minimum	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	
Body Plating Specification	100 μin minimum	

Environmental Specifications

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

Plotted and Other Data

Notes:

MCX Jack Bulkhead to Trimmed Lead Cable 24 Inch Length Using RG196 Coax



PE3C4710-24

Typical Performance Data

How to Order

Part Number Configuration:

PE3C4710

- **xx**

uu

Unit of Measure:

cm = Centimeters

<blank> = Inches

Length

Base Number

Example: PE3C4710-12 = 12 inches long cable
PE3C4710-100cm = 100 cm long cable

MCX Jack Bulkhead to Trimmed Lead Cable 24 Inch Length Using RG196 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.

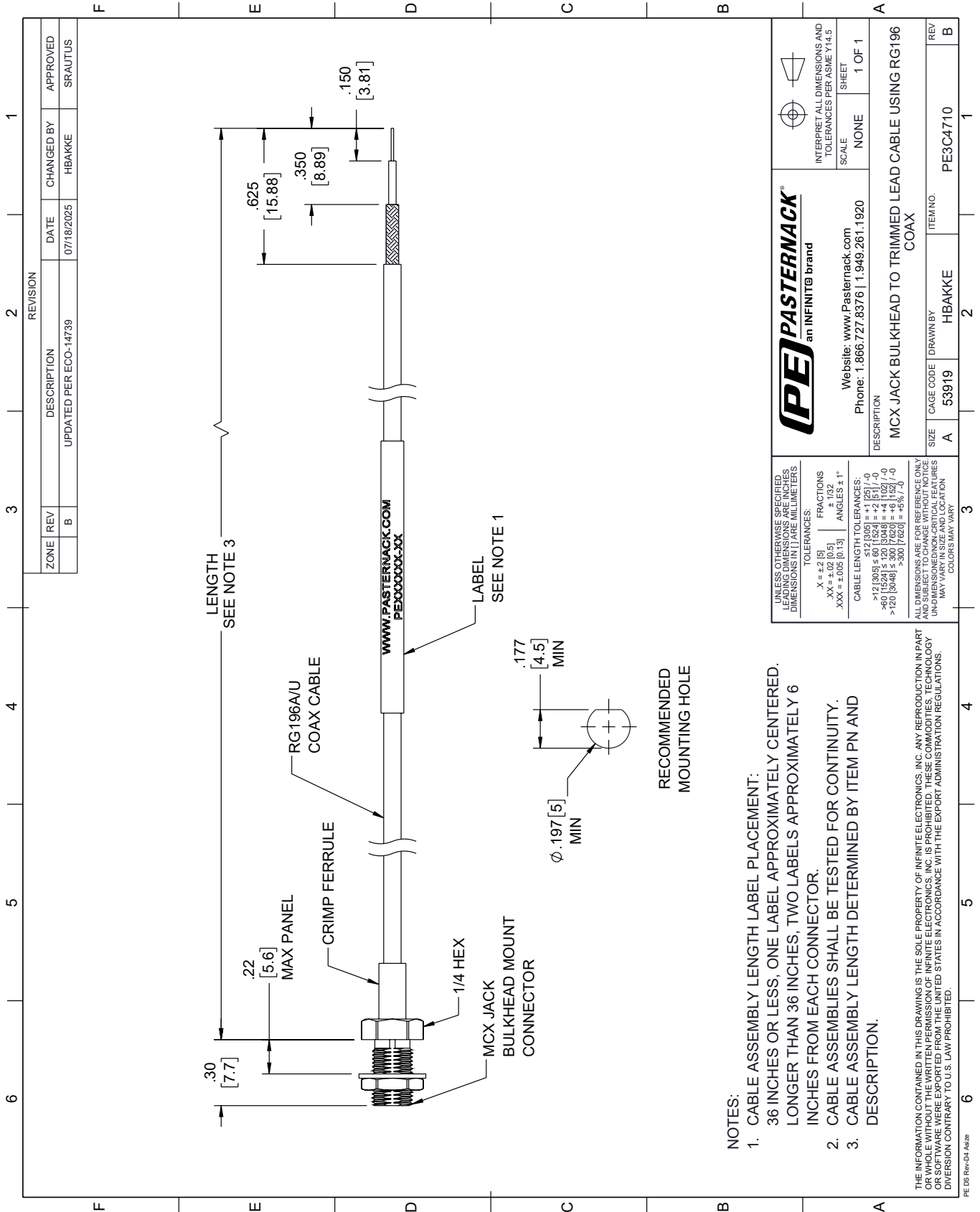
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [MCX Jack Bulkhead to Trimmed Lead Cable 24 Inch Length Using RG196 Coax PE3C4710-24](#)

URL: <https://www.pasternack.com/mcx-jack-bulkhead-to-trimmed-lead-cable-24-inch-length-using-rg196-pe3c4710-24-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.

PE3C4710-24 CAD Drawing

MCX Jack Bulkhead to Trimmed Lead Cable 24 Inch Length Using RG196 Coax



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.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF INFINITE ELECTRONICS, INC. ANY REPRODUCTION IN PART OR WHOLE WITHOUT THE WRITTEN PERMISSION OF INFINITE ELECTRONICS, INC. IS PROHIBITED. THESE COMMODITIES, TECHNOLOGY OR SOFTWARE WERE EXPORTED FROM THE UNITED STATES IN ACCORDANCE WITH THE EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW PROHIBITED.

PE DS Rev-04 Add2

REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION		
	B	UPDATED PER ECO-14739	HBAKKE	SRAUTUS

<p>PASTERNAK an INFINIT® brand</p>		<p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE: NONE</p> <p>SHEET: 1 OF 1</p>
<p>Website: www.Pasternack.com</p> <p>Phone: 1.866.727.8376 1.949.261.1920</p>		
<p>DESCRIPTION: MCX JACK BULKHEAD TO TRIMMED LEAD CABLE USING RG196 COAX</p>		
SIZE	CAGE CODE	ITEM NO.
A	53919	PE3C4710
DRAWN BY	HBAKKE	

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

TOLERANCES:

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

CABLE LENGTH TOLERANCES:

< 12 [305]	±.01 [25]
> 12 [305] ≤ 60 [1524]	±.02 [5]
> 60 [1524] ≤ 120 [3048]	±.03 [7.62]
> 120 [3048]	±.04 [10.16]

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED/UNCLEAR FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.