

10-32 Male to Straight Cut Lead Cable Using RG196 Coax , LF Solder

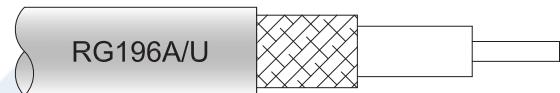


RF Cable Assemblies Technical Data Sheet

PE3C6997LF

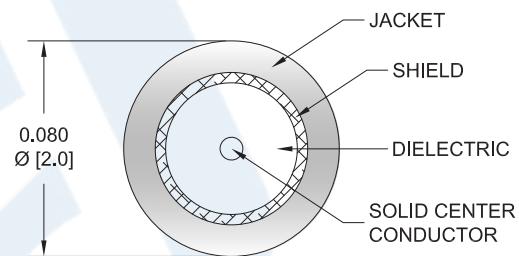
Configuration

- Connector 1: 10-32 Male
- Connector 2: Straight Cut Lead
- Cable Type: RG196



Features

- PTFE Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C6997LF 50 ohm 10-32 male to straight cut lead 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.

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

Weight 0.015 lbs [6.8 g]

Cable

Cable Type RG196
Impedance 50 Ohms
Inner Conductor Type Stranded

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [10-32 Male to Straight Cut Lead Cable Using RG196 Coax , LF Solder PE3C6997LF](#)



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Inner Conductor Material and Plating	Copper Clad Steel, Silver
Dielectric Type	PTFE
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	10-32 Male	Straight Cut Lead
Specification	MIL-C-39012	
Impedance	50 Ohms	0 Ohms
Contact Material and Plating	Gold	
Contact Plating Specification	MIL-G-45204	
Dielectric Type	PTFE	
Body Material and Plating	Brass, Nickel	
Body Plating Specification	QQ-N-290	
Coupling Nut Material and Plating	Brass, Nickel	
Coupling Nut Plating Specification	QQ-N-290	

Environmental Specifications

Temperature

Operating Range

-55 to +200 deg C

Compliance Certifications (see product page for current document)

Plotted and Other Data

Notes:

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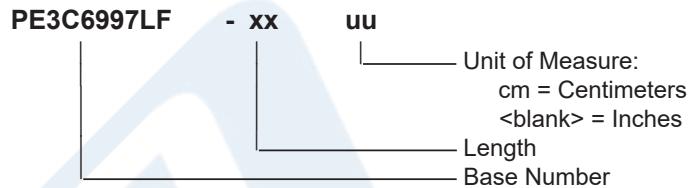
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RF Cable Assemblies Technical Data Sheet

PE3C6997LF

How to Order

Part Number Configuration:



Example: PE3C6997LF-12 = 12 inches long cable
PE3C6997LF-100cm = 100 cm long cable

10-32 Male to Straight Cut Lead Cable Using RG196 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: [10-32 Male to Straight Cut Lead Cable Using RG196 Coax , LF Solder PE3C6997LF](#)

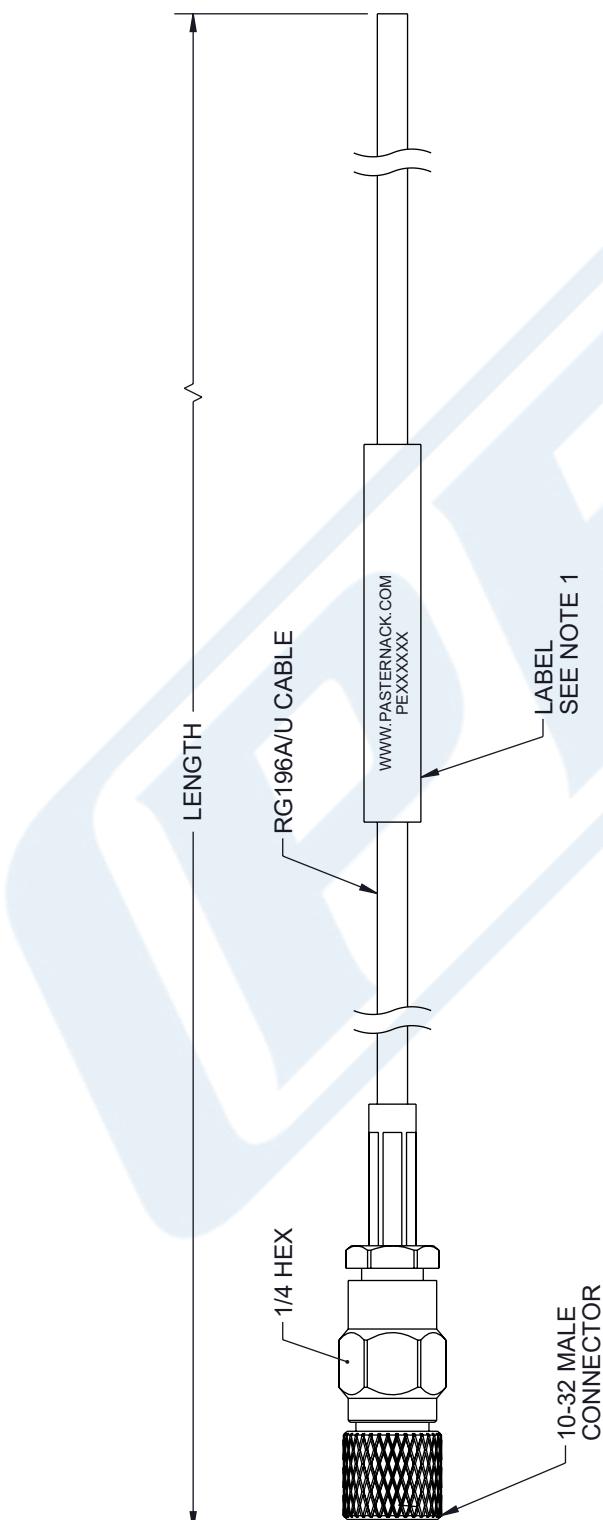
URL: <https://www.pasternack.com/10-32-male-to-straight-cut-lead-cable-using-rg196-lf-solder-pe3c6997lf-p.aspx>

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.

PE3C6997LF CAD Drawing

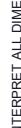
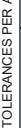
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REVISION			
ZONE	REV.	DESCRIPTION	DATE
	A	INITIAL RELEASE	01/12/2023



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.
CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY

NOTES:
1. C/
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C/

 PASTERNACK® an INFINITI® brand		 INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5	
		SCALE	SHEET
		NONE	1 OF 1
 10-32 MALE TO STRAIGHT CUT LEAD CABLE USING RG196 COAX, LF SOLDER		DESCRIPTION Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920	
UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE IN INCHES DIMENSIONS IN [] ARE MILLIMETERS		ITEM NO. PE3C6997LF	
TOLERANCES: $X = \pm .2$ [.5] FRACTIONS $XX = \pm .02$ [.5] $\pm 1/32$ $XXX = \pm .005$ [.13] ANGLES $\pm 1^\circ$		SIZE A CAGE CODE 53919	DRAWN BY HBAKKE
CABLE LENGTH TOLERANCES: $>12 [305] \leq 60 [1524] \leq +1 [25] -0$ $>60 [1524] \leq 120 [3048] \leq +4 [1021] -0$ $>120 [3048] \leq 300 [7620] \leq +6 [1521] -0$ $>300 [7620] \leq 500 [12700] = +5\% -0$		REV A	
ALL DIMENSIONS ARE FOR REFERENCE ONLY AND SUBJECT TO CHANGE WITHOUT NOTICE			

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