

BNC Female Bulkhead to BNC Female Bulkhead Cable Using RG178 Coax, LF Solder



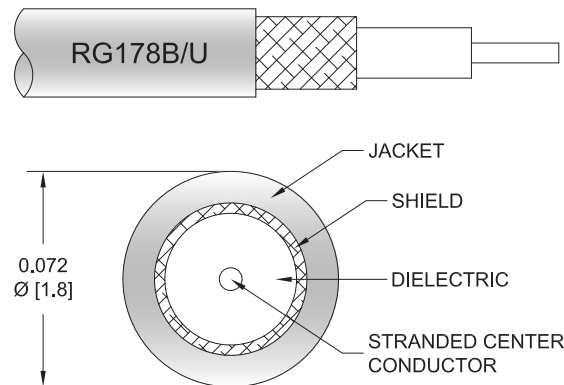
PE36482LF

Configuration

- Connector 1: BNC Female Bulkhead
- Connector 2: BNC Female Bulkhead
- Cable Type: RG178
- Coax Flex Type: Flexible

Features

- 70% Phase Velocity
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE36482LF BNC female bulkhead to BNC female bulkhead cable using RG178 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. This Pasternack BNC to BNC cable assembly has a female to female gender configuration with 50 ohm flexible RG178 coax. Our RF cable assembly with BNC 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
Velocity of Propagation		70		%
Capacitance		29.4 [96.46]		pF/ft [pF/m]

Mechanical Specifications

Cable Assembly

Width/Diameter	0.5 in [12.7 mm]
Weight	0.115 lbs [52.16 g]

Cable

Cable Type	RG178
Impedance	50 Ohms
Inner Conductor Type	Stranded
Inner Conductor Material and Plating	Copper Clad Steel, Silver

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Dielectric Type	PTFE
Number of Shields	1
Shield Layer 1	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.072 in [1.83 mm]
Repeated Minimum Bend Radius	0.4 in [10.16 mm]

Connectors

Description	Connector 1	Connector 2
Type	BNC Female Bulkhead	BNC Female Bulkhead
Impedance	50 Ohms	50 Ohms
Configuration	Straight	Straight
Body Material and Plating	Brass, Nickel	Brass, Nickel

Environmental Specifications

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

Plotted and Other Data

Notes:

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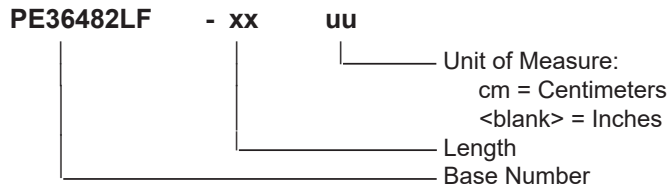


PE36482LF

Typical Performance Data

How to Order

Part Number Configuration:



Example: PE36482LF-12 = 12 inches long cable
PE36482LF-100cm = 100 cm long cable

BNC Female Bulkhead to BNC Female Bulkhead Cable Using RG178 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.

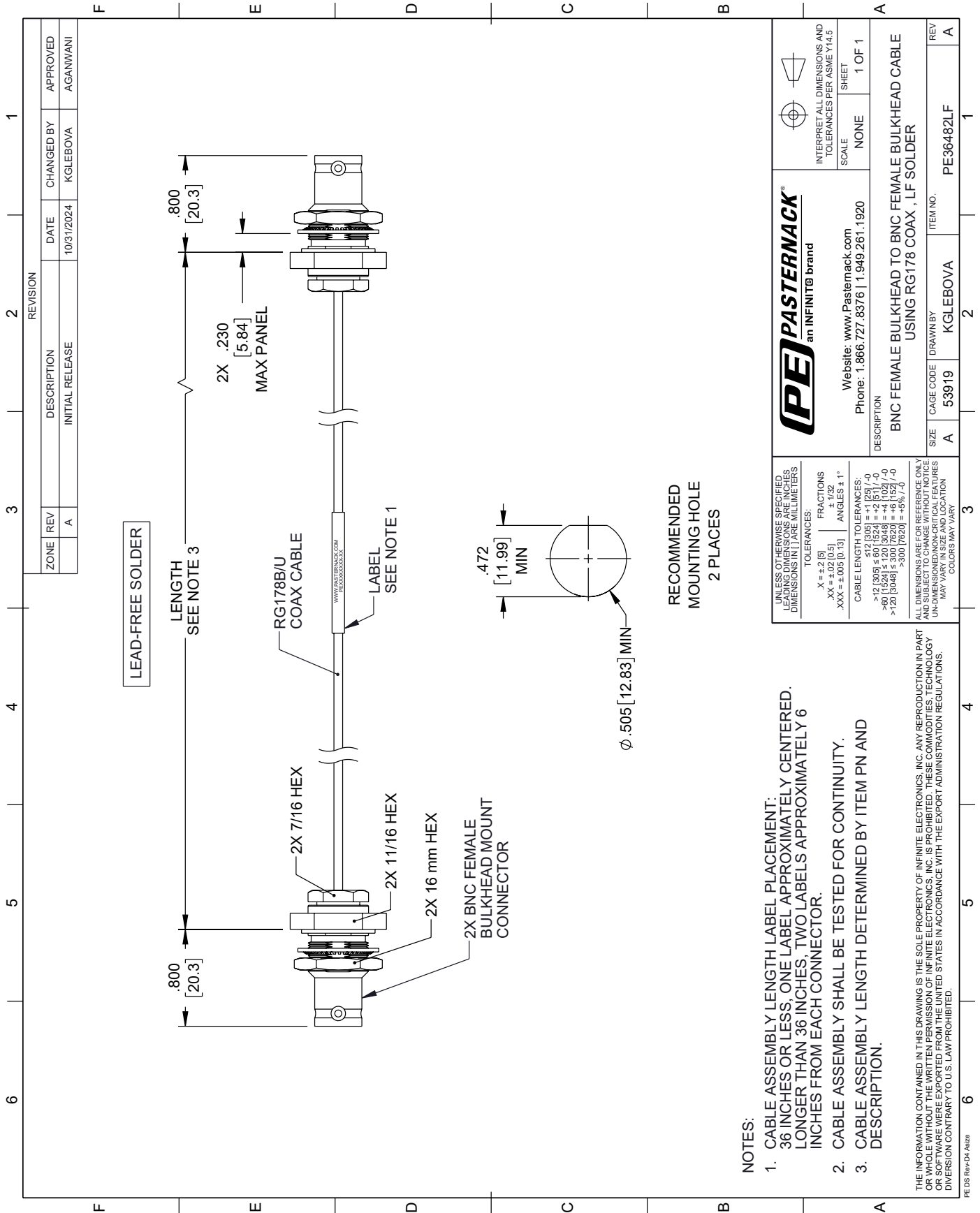
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Bulkhead to BNC Female Bulkhead Cable Using RG178 Coax, LF Solder PE36482LF](#)

URL: <https://www.pasternack.com/bnc-female-bulkhead-to-bnc-female-bulkhead-cable-using-rg178-lf-solder-pe36482lf-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.

PE36482LF CAD Drawing

BNC Female Bulkhead to BNC Female Bulkhead Cable Using RG178 Coax, LF Solder



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV	DESCRIPTION	DATE	CHANGED BY
	A	INITIAL RELEASE	10/31/2024	KGLEBOVA
				AGANWANI

 PASTERNAK an INFINIT® brand		Website: www.Pasternack.com Phone: 1.866.727.8376 1.949.261.1920
INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5 SCALE: NONE SHEET: 1 OF 1		DESCRIPTION: BNC FEMALE BULKHEAD TO BNC FEMALE BULKHEAD CABLE USING RG178 COAX , LF SOLDER
SIZE	CAGE CODE	ITEM NO.
A	53919	KGLEBOVA
REV	PE36482LF	
A		

UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMETERS TOLERANCES: X = ±.015 FRACTIONS ± 1/32 .XX = ±.02 [0.5] ANGLES ± 1° .XXX = ±.005 [0.13]	CABLE LENGTH TOLERANCES: >12 (305) ≤ 60 (1524) = +1 (25) / -0 >60 (1524) ≤ 120 (3048) = +4 (102) / -0 >120 (3048) ≤ 300 (7620) = +5 (127) / -0 >300 (7620) = +5 (127) / -0
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ALL DIMENSIONS ARE FOR REFERENCE ONLY. DIMENSIONS ARE FOR REFERENCE ONLY. UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMETERS. UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMETERS. UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMETERS. UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN PAREMETERS.

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