

## BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax with HeatShrink, LF Solder



### PE3465LF/HS

#### Configuration

- Connector 1: BNC Twinax Jack
- Connector 2: BNC Twinax Jack
- Cable Type: RG108
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- PVC Jacket

#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3465LF/HS 78 ohm BNC Twinax jack to 78 ohm BNC Twinax jack cable using 78 ohm RG108 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 BNC Twinax to BNC Twinax cable assembly has a jack to jack gender configuration with 78 ohm flexible RG108 twinax.

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		66		%
Capacitance		19.7 [64.63]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Width/Diameter 0.5 in [12.7 mm]  
Weight lbs [0 g]

##### Cable

Cable Type RG108  
Impedance 78 Ohms  
Inner Conductor Type Stranded  
Inner Conductor Material and Plating Copper, Tin  
Dielectric Type PE  
Number of Shields 1  
Shield Layer 1 Tinned Copper Braid  
Jacket Material PVC, Black

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Jacket Diameter 0.235 in [5.97 mm]

**Connectors**

Description	Connector 1	Connector 2
Type	BNC Twinax Jack	BNC Twinax Jack
Specification	MIL-STD-348	MIL-STD-348
Impedance	78 Ohms	78 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Silver	Silver
Contact Plating Specification	QQ-S-365	QQ-S-365
Dielectric Type	PTFE	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification	QQ-N-290	QQ-N-290

**Environmental Specifications**

Operating Range Temperature -40 to +80 deg C

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

**Plotted and Other Data**

Notes:

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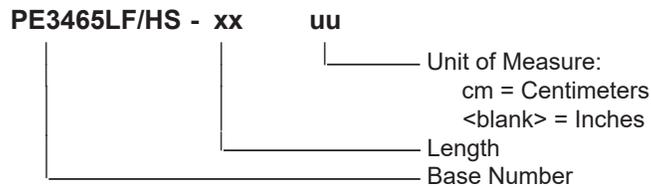


### PE3465LF/HS

#### Typical Performance Data

#### How to Order

Part Number Configuration:



Example: PE3465LF/HS-12 = 12 inches long cable  
PE3465LF/HS-100cm = 100 cm long cable

BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax with HeatShrink, 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.

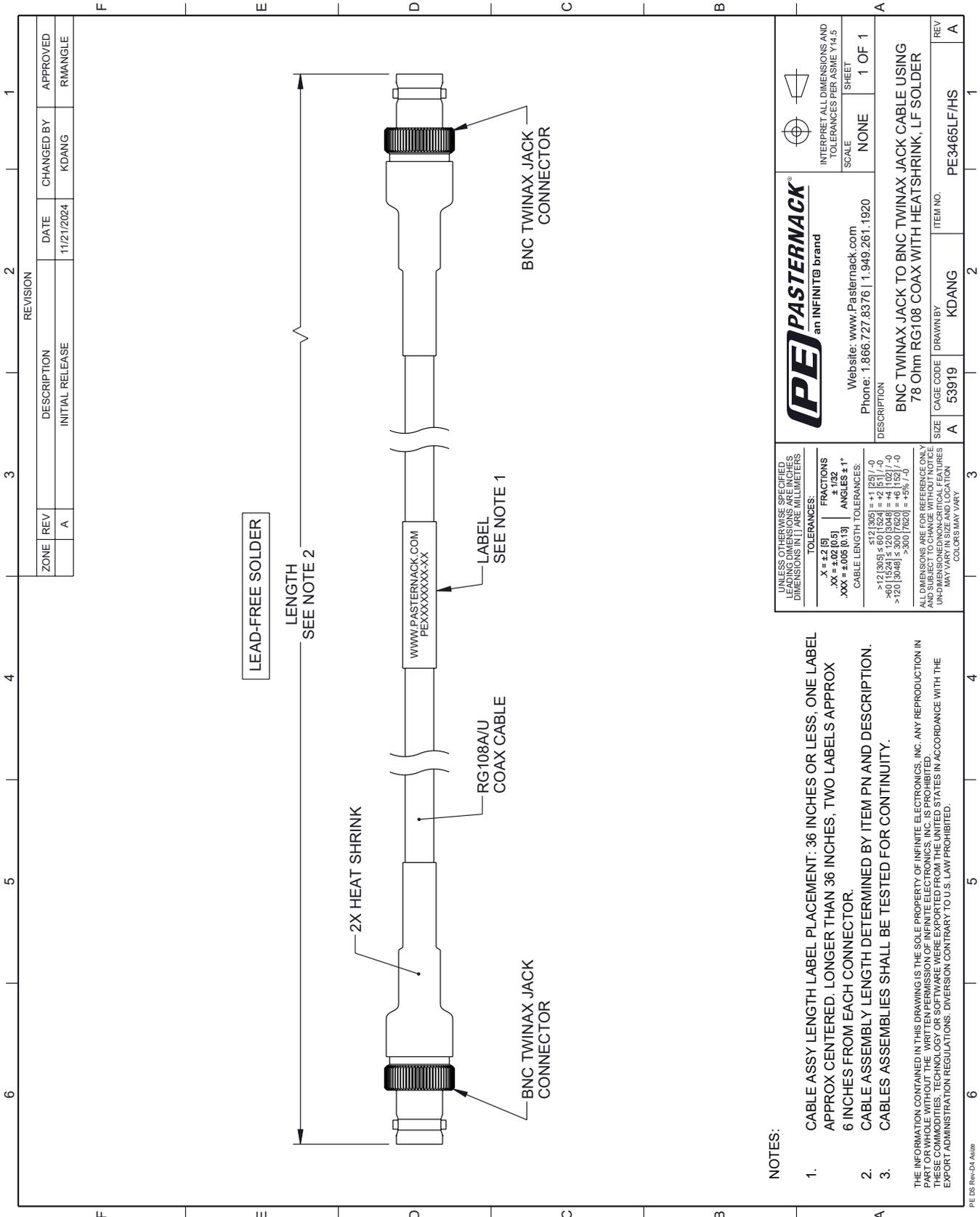
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax with HeatShrink, LF Solder PE3465LF/HS](#)

URL: <https://www.pasternack.com/bnc-twinax-jack-to-bnc-twinax-jack-cable-using-rg108-with-heatshrink-lf-solder-pe3465lf-hs-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.

# PE3465LF/HS CAD Drawing

BNC Twinax Jack to BNC Twinax Jack Cable Using 78 Ohm RG108 Coax with HeatShrink, LF Solder



REVISION		DATE	CHANGED BY	APPROVED
ZONE	REV			
	A	11/21/2024	KDANG	RMANGLE
DESCRIPTION				
INITIAL RELEASE				

**PE PASTERNAK**  
an INFINITB brand

Website: [www.Pasternack.com](http://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 TWINAX JACK TO BNC TWINAX JACK CABLE USING 78 Ohm RG108 COAX WITH HEATSHRINK, LF SOLDER

ITEM NO. PE3465LF/HS

SIZE: A  
CAGE CODE: 53919  
DRAWN BY: KDANG

REV: A

UNLESS OTHERWISE SPECIFIED, LEADING DIMENSIONS ARE IN INCHES AND TRAILING DIMENSIONS IN MILLIMETERS

TOLERANCES:  
 .X = ±.2 [5]  
 .XX = ±.02 [0.5]  
 .XXX = ±.005 [0.13]

FRACTIONS: ± 1/32  
 ANGLES ± 1°

CABLE LENGTH TOLERANCES:  
 ≤ 12 [305] ± .60 [1524] = ± 2 [51] / -0  
 > 12 [305] ≤ 60 [1524] = ± 4 [102] / -0  
 > 60 [1524] ≤ 120 [3048] = ± 8 [203] / -0  
 > 120 [3048] ≤ 300 [7620] = ± 5% [12]

ALL DIMENSIONS ARE FOR REFERENCE ONLY. UNDIMENSIONED NON-CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.

- NOTES:**
- CABLE ASSY LENGTH LABEL PLACEMENT: .36 INCHES OR LESS, ONE LABEL APPROX CENTERED. LONGER THAN .36 INCHES, TWO LABELS APPROX .6 INCHES FROM EACH CONNECTOR.
  - CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
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