

BNC Female Bulkhead to Trimmed Lead Cable Using RG178 Coax with HeatShrink



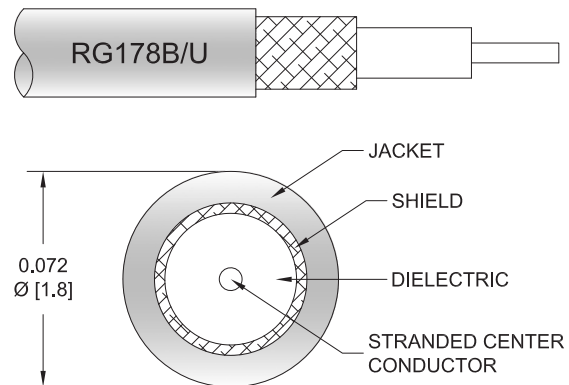
PE3C9908/HS

Configuration

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

Features

- 70% Phase Velocity
- FEP Jacket



Applications

- General Purpose
- Laboratory Use

Description

Pasternack's PE3C9908/HS 50 ohm BNC female bulkhead to trimmed lead 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. 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 | 0.037 lbs [16.78 g] |

Cable

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

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| | |
|------------------------------|----------------------------|
| 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 | Trimmed Lead |
| Impedance | 50 Ohms | 0 Ohms |
| Configuration | Straight | Straight |
| Contact Material and Plating | Phosphor Bronze, Gold | |
| Dielectric Type | POM | |
| Body Material and Plating | Brass, Nickel | |

Environmental Specifications

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

Plotted and Other Data

Notes:

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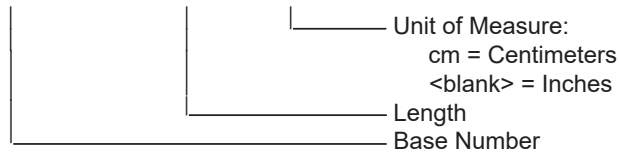
PE3C9908/HS

Typical Performance Data

How to Order

Part Number Configuration:

PE3C9908/HS - xx uu



Example: PE3C9908/HS-12 = 12 inches long cable
PE3C9908/HS-100cm = 100 cm long cable

BNC Female Bulkhead to Trimmed Lead Cable Using RG178 Coax with HeatShrink 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.

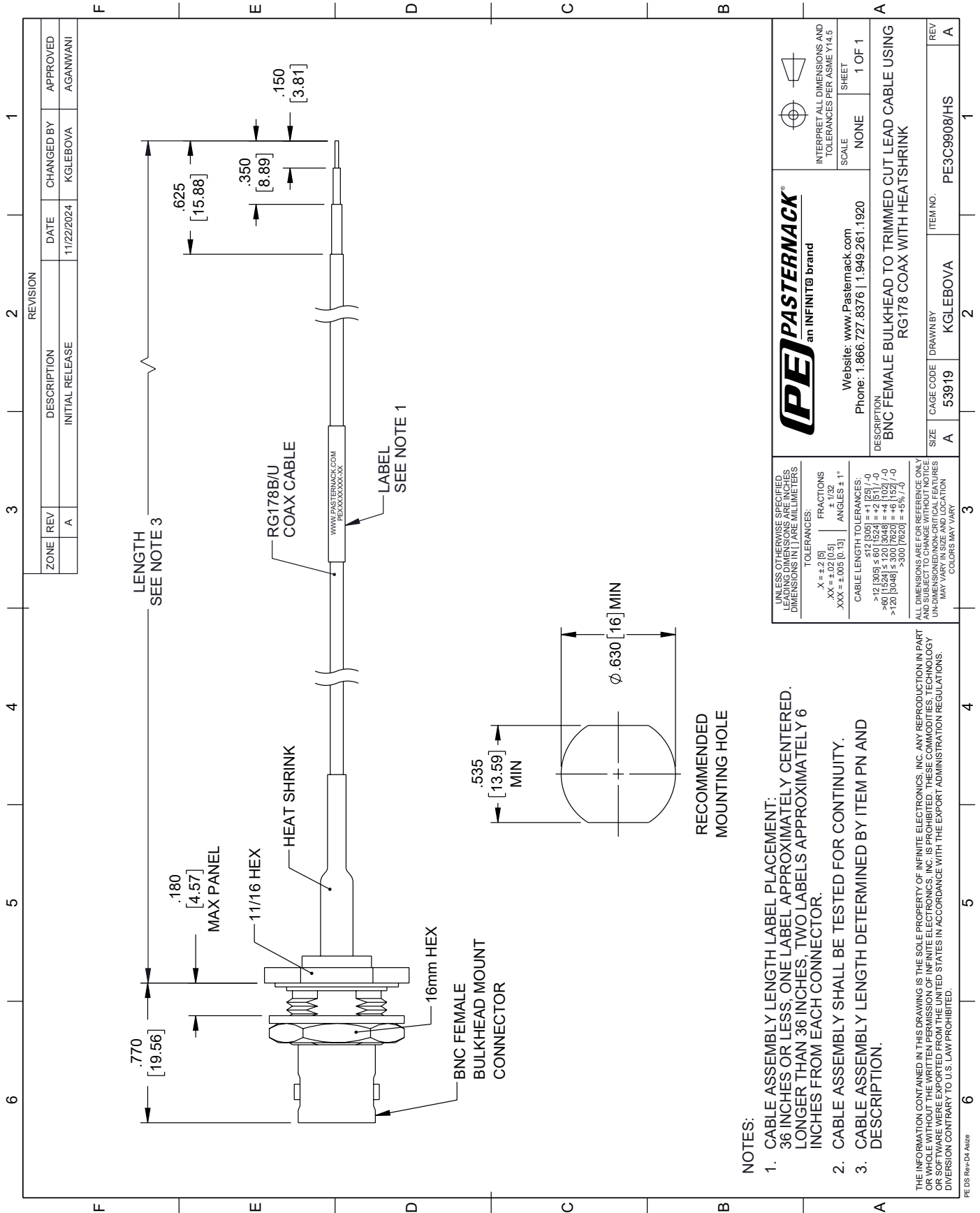
Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [BNC Female Bulkhead to Trimmed Lead Cable Using RG178 Coax with HeatShrink PE3C9908/HS](#)

URL: <https://www.pasternack.com/bnc-female-bulkhead-to-trimmed-lead-cable-using-rg178-with-heatshrink-pe3c9908-hs-p.aspx>

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PE3C9908/HS CAD Drawing

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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 ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM PN AND DESCRIPTION.

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| | | | |
|---|---|---|-----------------------------------|
| <p>UNLESS OTHERWISE SPECIFIED LEADING DIMENSIONS ARE INCHES DIMENSIONS IN [] ARE MILLIMETERS</p> <p>TOLERANCES:</p> <p>X = ±.015 [0.5] FRACTIONS ±.002 [0.5] ANGLES ± 1° .XX = ±.02 [0.5] .XXX = ±.005 [0.13]</p> <p>CABLE LENGTH TOLERANCES: >12 [305] ≤ 60 [1524] = +.1 [25] / -0 >60 [1524] ≤ 120 [3048] = +.4 [102] / -0 >120 [3048] ≤ 300 [7620] = +.8 [203] / -0</p> <p>ALL DIMENSIONS ARE FOR REFERENCE ONLY UNLESS OTHERWISE SPECIFIED. DIMENSIONS ON CRITICAL FEATURES MAY VARY IN SIZE AND LOCATION. COLORS MAY VARY.</p> | | <p>INTERPRET ALL DIMENSIONS AND TOLERANCES PER ASME Y14.5</p> <p>SCALE NONE</p> <p>SHEET 1 OF 1</p> | |
| <p>PE PASTERNAK® an INFINIT® brand</p> <p>Website: www.Pasternack.com</p> <p>Phone: 1.866.727.8376 1.949.261.1920</p> | | <p>DESCRIPTION BNC FEMALE BULKHEAD TO TRIMMED CUT LEAD CABLE USING RG178 COAX WITH HEATSHRINK</p> | |
| <p>ZONE REV</p> <p>A A</p> | <p>DESCRIPTION</p> <p>INITIAL RELEASE</p> | <p>DATE</p> <p>11/22/2024</p> | <p>CHANGED BY</p> <p>KGLEBOVA</p> |
| <p>APPROVED</p> <p>AGANWANI</p> | | <p>ITEM NO.</p> <p>PE3C9908/HS</p> | |
| <p>SIZE</p> <p>A</p> | | <p>CAGE CODE</p> <p>53919</p> | <p>DRAWN BY</p> <p>KGLEBOVA</p> |