

## 75 Ohm BNC Female to 75 Ohm BNC Male Cable Using 75 Ohm RG59 Coax



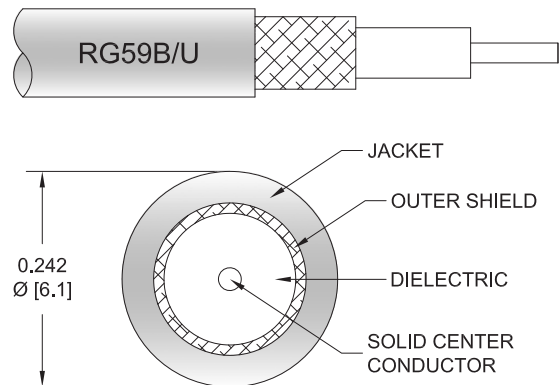
### PE3W06850

#### Configuration

- Connector 1: BNC Female
- Connector 2: BNC Male
- Cable Type: RG59
- Coax Flex Type: Flexible

#### Features

- 66% Phase Velocity
- PVC (NC) Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE3W06850 75 ohm BNC female to 75 ohm BNC male cable using 75 ohm RG59 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 male gender configuration with 75 ohm flexible RG59 coax.

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		20.4 [66.93]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.097 lbs [44 g]

##### Cable

Cable Type	RG59
Impedance	75 Ohms
Inner Conductor Type	Solid
Inner Conductor Material and Plating	Copper Clad Steel
Dielectric Type	PE
Number of Shields	1
Shield Layer 1	Copper Braid

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Jacket Material	PVC (NC), Black
Jacket Diameter	0.242 in [6.15 mm]

#### Connectors

Description	Connector 1	Connector 2
Type	BNC Female	BNC Male
Impedance	75 Ohms	75 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	Brass, Gold
Contact Plating Specification		30 µin minimum
Dielectric Type	Teflon	PTFE
Body Material and Plating	Brass, Nickel	Brass, Nickel
Body Plating Specification		100 µin minimum
Coupling Nut Material and Plating		Brass, Nickel
Coupling Nut Plating Specification		100 µin minimum

#### Environmental Specifications

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

#### Plotted and Other Data

Notes:

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### PE3W06850

#### Typical Performance Data

#### How to Order

Part Number Configuration: **PE3W06850**    **- xx**    **uu**

Unit of Measure:  
cm = Centimeters  
<blank> = Inches

Length

Base Number

Example: PE3W06850-12 = 12 inches long cable  
PE3W06850-100cm = 100 cm long cable

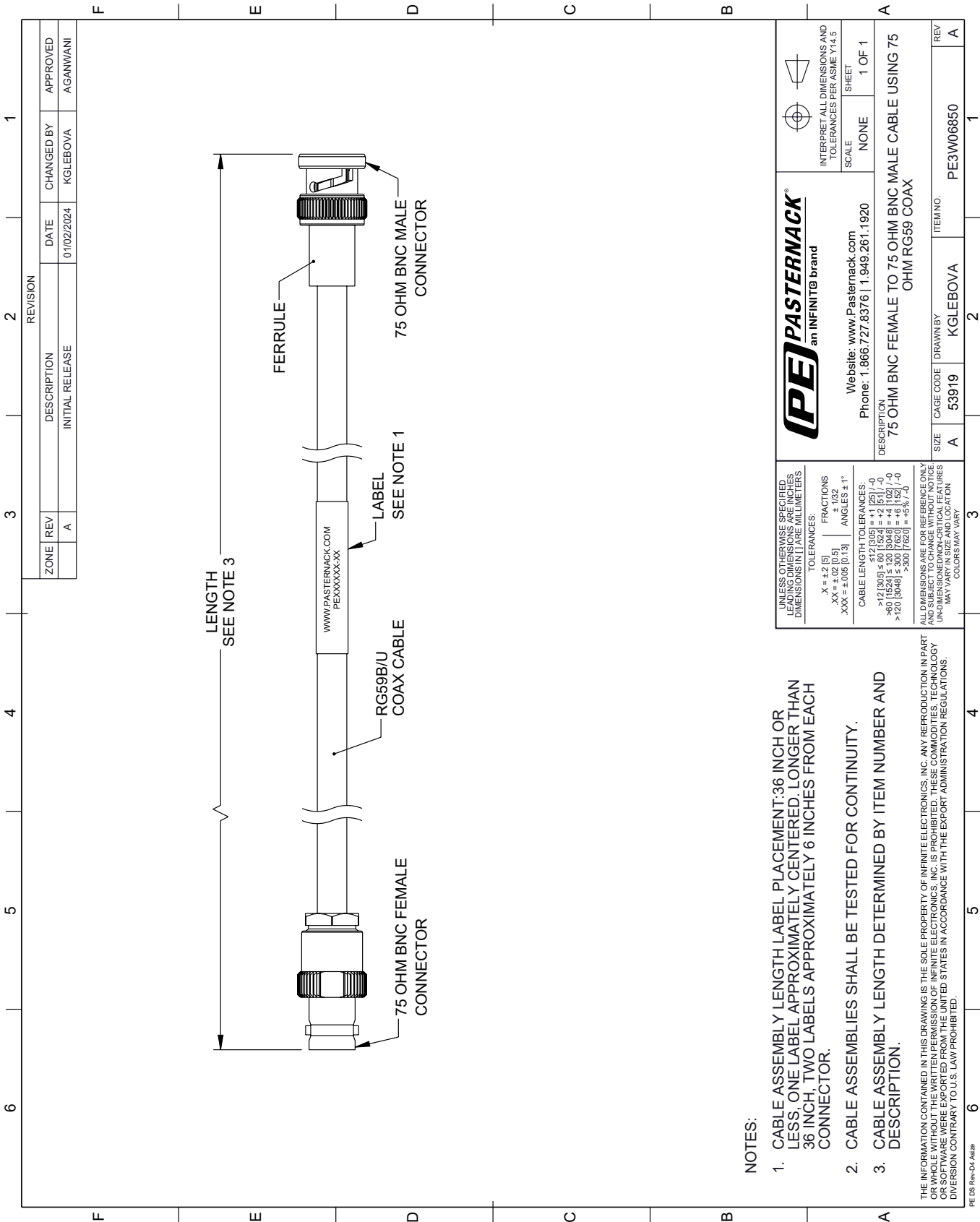
75 Ohm BNC Female to 75 Ohm BNC Male Cable Using 75 Ohm RG59 Coax from Pasternack Enterprises has same day shipment for domestic and International orders. Our RF, microwave and millimeter wave products maintain a 99.4% availability and are part of the broadest selection in the industry.

Click the following link (or enter part number in "SEARCH" on website) to obtain additional part information including price, inventory and certifications: [75 Ohm BNC Female to 75 Ohm BNC Male Cable Using 75 Ohm RG59 Coax PE3W06850](https://www.pasternack.com/75-ohm-bnc-female-to-75-ohm-bnc-male-cable-using-rg59-pe3w06850-p.aspx)

URL: <https://www.pasternack.com/75-ohm-bnc-female-to-75-ohm-bnc-male-cable-using-rg59-pe3w06850-p.aspx>

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PE3W06850 CAD Drawing
75 Ohm BNC Female to 75 Ohm BNC Male Cable Using 75 Ohm RG59 Coax



NOTES:

- 1. CABLE ASSEMBLY LENGTH LABEL PLACEMENT: 36 INCH OR LESS, ONE LABEL APPROXIMATELY CENTERED. LONGER THAN 36 INCH, TWO LABELS APPROXIMATELY 6 INCHES FROM EACH CONNECTOR.
- 2. CABLE ASSEMBLIES SHALL BE TESTED FOR CONTINUITY.
- 3. CABLE ASSEMBLY LENGTH DETERMINED BY ITEM NUMBER AND DESCRIPTION.

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