

## BNC Male to Straight Cut Lead Cable Using RG142 Coax



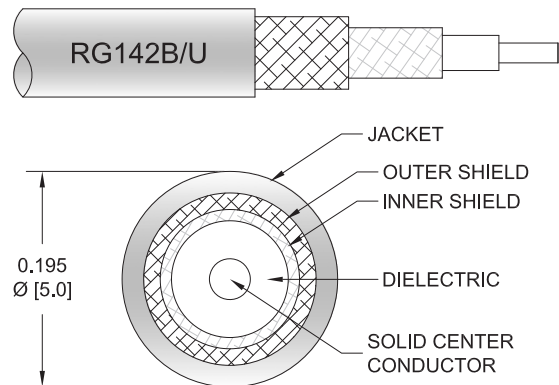
### PE33678

#### Configuration

- Connector 1: BNC Male
- Connector 2: Straight Cut Lead
- Cable Type: RG142
- Coax Flex Type: Flexible

#### Features

- Shielding Effectivity > 90 dB
- 69.2% Phase Velocity
- Double Shielded
- FEP Jacket



#### Applications

- General Purpose
- Laboratory Use

#### Description

Pasternack's PE33678 50 ohm BNC male to straight cut lead cable using RG142 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. The double shielding of this Pasternack cable assembly provides excellent shielding effectiveness of better than 90 dB.

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		69.2		%
RF Shielding	90			dB
Capacitance		29.4 [96.46]		pF/ft [pF/m]

#### Mechanical Specifications

##### Cable Assembly

Weight 0.069 lbs [31.3 g]

##### Cable

Cable Type RG142  
 Impedance 50 Ohms  
 Inner Conductor Type Solid  
 Inner Conductor Material and Plating Copper Clad Steel, Silver  
 Dielectric Type PTFE

## BNC Male to Straight Cut Lead Cable Using RG142 Coax



### PE33678

Number of Shields	2
Shield Layer 1	Silver Plated Copper Braid
Shield Layer 2	Silver Plated Copper Braid
Jacket Material	FEP, Tan
Jacket Diameter	0.195 in [4.95 mm]
One Time Minimum Bend Radius	0.984 in [24.99 mm]
Repeated Minimum Bend Radius	2 in [50.8 mm]

### Connectors

Description	Connector 1	Connector 2
Type	BNC Male	Straight Cut Lead
Specification	MIL-STD-348A	
Impedance	50 Ohms	0 Ohms
Configuration	Straight	Straight
Contact Material and Plating	Brass, Gold	
Contact Plating Specification	30 µin minimum	
Dielectric Type	PTFE	
Body Material and Plating	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:  
Values at 25°C, sea level.

## BNC Male to Straight Cut Lead Cable Using RG142 Coax



### PE33678

#### Typical Performance Data

#### How to Order

Part Number Configuration:

**PE33678**

**- xx**

**uu**

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

Length

Base Number

Example: PE33678-12 = 12 inches long cable  
PE33678-100cm = 100 cm long cable

BNC Male to Straight Cut Lead Cable Using RG142 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: [BNC Male to Straight Cut Lead Cable Using RG142 Coax PE33678](#)

URL: <https://www.pasternack.com/bnc-male-to-straight-cut-lead-cable-using-rg142-pe33678-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.

## BNC Male to Straight Cut Lead Cable Using RG142 Coax

