

## Insulated BNC Male to BNC Female

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Model #	Length
BU-5659-B-12-0	12in (.3m)
BU-5659-B-24-0	24in (.6m)
BU-5659-B-36-0	36in (.9m)
BU-5659-B-48-0	48in (1.2m)
BU-5659-B-60-0	60in (1.5m)

- Material: BNC Male/Female connector: Fully insulated nylon housing. Nickel-plated brass body, gold/nickel plated brass center contact; polyethylene dielectric. Coaxial Cable: RG58, 50 ohm.
- \*Std. Colors: -0 Black.
- Rating: Hands free testing at 500 VRMS on center conductor



Mueller's coaxial cables and fully insulated BNC receptacles provide an additional margin of safety in connecting to instrumentation such as oscilloscopes, voltmeters, and network analyzers. Our BNC breakout test leads offer a wide variety of connector and clip combinations to meet your testing and connection needs.

Order Key		Coaxial Cables	
		<b>Rating</b> B RG-58C/U C RG-58C/U connected to 20AWG with Y-block F RG-174C/U L Twisted Pair Cable	
<b>BU-0000-X-**-*</b> Typical Mueller Part #      Type of wire      Color      Length in inches			
Color Key		Available Test Lead Lengths	
0=Black 2=Red	4=Yellow 5=Green	6=Blue 9=White	6" 12" 24" 36" 48" 60"

### BNC Male on Both Ends

**Model # BU-5050-B-\*\*-0**

**Material:** *BNC Male Connector:* gold-plated center contact, silver-plated body; (MIL-C-39012); *Coaxial Cable:* shielded RG58C/U, MIL-C17F, 50 ohm

**\*\*Length:** -12" (.3m), 24" (.6m), 36" (.9m), 48" (1.2m), 60" (1.5m)

**Rating:** Hands free testing at 500 VRMS on center conductor



### BNC Male with Strain Relief on Both Ends

**Model# BU-5454-B-\*\*-0**

**Material:** *BNC Male Connector:* MIL-C-39012, silver-plated brass body, gold/nickel plated brass center contact; *Coaxial Cable:* RG58C/U, MIL-C17F, 50 ohm

**\*\*Length:** -12" (.3m), 24" (.6m), 36" (.9m), 48" (1.2m), 60" (1.5m)

**Rating:** Hands free testing at 500 VRMS on center conductor



### BNC Male to Stackable Double Banana Plug

**Model# BU-5070-B-\*\*-0**

**Material:** *BNC Male Connector:* gold-plated center contact, silver-plated body; (MIL-C-39012); *Double Banana Plug:* ABS housing, brass body and beryllium copper, nickel-plated, nine-leaf cage spring; *Coaxial Cable:* shielded RG58C/U, MIL-C-17F, 50 ohm

**\*\*Length:** -12" (.3m), 24" (.6m), 36" (.9m), 48" (1.2m), 60" (1.5m)

**Rating:** Hands free testing at 500 VRMS on center conductor



### BNC Female with Strain Relief on Both Ends

**Model# BU-5555-B-\*\*-0**

**Material:** *BNC Female Connector:* MIL-C-39012, silver-plated brass body, gold/nickel plated brass center contact; *Coaxial Cable:* RG58C/U, MIL-C17F, 50 ohm

**\*\*Length:** -12" (.3m), 24" (.6m), 36" (.9m), 48" (1.2m), 60" (1.5m)

**Rating:** Hands free testing at 500 VRMS on center conductor

## Insulated BNC Male to BNC Female

Model# BU-5659-B-\*\*-0

**Material:** *BNC Male/Female Connector:* fully insulated nylon housing; nickel-plated brass body, gold/nickel plated brass center contact; polyethylene dielectric; *Coaxial Cable:* RG58, 50 ohm

**\*\*Length:** -12" (.3m), 24" (.6m), 36" (.9m), 48" (1.2m), 60" (1.5m)

**Rating:** Hands free testing at 500 VRMS on center conductor



## Insulated Alligator Clips to BNC Male With RG58

Model# BU-5030-C-\*\*-0

## Insulated Alligator Clips to BNC Male With RG174

Model# BU-5330-F-\*\*-0

**Material:** *Alligator Clip:* nickel-plated steel with PVC insulator; *BNC Male Connector:* MIL-C-39012, gold-plated center contact and silver-plated body (RG174/U BNC is a commercial connector with nickel-plated body); *Coaxial Cable:* shielded RG58C/U, MIL-C-17F, 50 ohm or shielded RG174/U, MIL-C-17D, 50 ohm

**\*\*Length:** -12" (.3m), 24" (.6m), 36" (.9m), 48" (1.2m), 60" (1.5m)

**Rating:** Hands free testing at 300 VRMS on center conductor



## BNC Male Breakout to Tinned End Wires

Model# BU-5100-A-4-0

**Material:** *BNC Male Connector:* quality tarnish-resistant, plated brass with a gold-plated brass center contact, ABS housing; *Hook-up Wire:* #20 AWG (41/36) tinned copper with 105°C PVC insulation

**Rating:** Hands free testing at 300 VRMS on center conductor

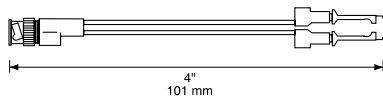


## BNC Male Breakout to Mini-Micro-Grabbers

Model# BU-5114-A-4-0

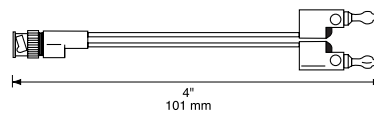
**Material:** *BNC Male Connector:* quality tarnish-resistant, plated brass with a gold-plated brass center contact, ABS housing; *Mini-Micro-Grabbers* (No.208) conductor and abrasion resistant, nylon housing; *Hook-up Wire:* #20 AWG (41/36) tinned copper with 105°C PVC insulation

**Rating:** Hands free testing at 150 VRMS, 5 Amp



## BNC Male Breakout to Stackable Single Banana Plugs

Model# BU-5120-A-4-0



**Material:** *BNC Male Connector:* quality tarnish-resistant, plated brass with a gold-plated brass center contact, ABS housing; *Banana Plug:* premium nine-leaf, nickel-plated beryllium copper springs and copper alloy 360 bodies for minimum stacked in multiples, ABS housing; *Hook-up Wire:* #20 AWG (41/36) tinned copper with 105°C PVC insulation

**Rating:** Hands free testing at 300 VRMS, 5 Amp

## BNC Male Breakout to Insulated Mini-Alligator Clips

Model# BU-5131-A-4-0

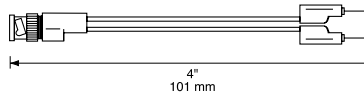
**Material:** *BNC Male Connector:* quality tarnish-resistant, plated brass with a gold-plated brass center contact, ABS housing; *Clip:* Mueller No. 30BL with No. 31 insulators; *Hook-up Wire:* #20 AWG (41/36) tinned copper with 105°C PVC insulation

**Rating:** Hands free testing at 300 VRMS, 10 Amp



## BNC Male Breakout to Stackable 0.080" (2.0mm) Pin Plugs

Model# BU-5144-A-4-0



**Material:** *BNC Male Connector:* quality tarnish-resistant, plated brass with a gold-plated brass center contact, ABS housing; *Pin Tip:* nickel-plated brass 0.080" (2.0mm) dia; 0.500" (12.7mm) long; *Tip Jack:* Accepts 0.080" (2.0mm) dia. pin, nickel-plated, alloy 360 copper body; *Hook-up Wire:* #20 AWG (41/36) tinned copper with 105°C PVC insulation

**Rating:** Hands free testing at 300 VRMS, 5 Amps