



Pomona[®]

ELECTRONICS

Professionals Trust
Pomona Performance



Test and Measurement
Calibration
RF
Audio / Video / Broadcast
Automotive
Telecom

2013

RoHS

www.pomonaelectronics.com

PO
MO
NO

NO
NO

Table of Contents

2

For over half a century the name Pomona Electronics has been synonymous with reliability and outstanding value.



We are proud to have built our reputation for the delivery of quality products by using only the finest materials available and designing to match real world applications... where you live — everyday. Pomona Electronics is proud to be there, at your side.

3	New Products
5	Customized Products
6	Coaxial Cable Assemblies and Breakouts
17	RF Coaxial Connectors, Adapters and Kits
33	Banana Plugs and Jacks
44	Patch Cords and Test Leads
52	Calibration Kit
53	Boxes and Enclosures
59	DMM Accessories and Kits
73	Grabbers and Test Clips
76	SMD/Micro Format Test
80	Oscilloscope Probes and Accessories
83	Audio/Video/Broadcast
88	Automotive
89	IC Test Clips and Adapters
91	Static Control Products
93	Telecom Products
98	Index
103	Technical Support



Jumper Test Leads and Terminal Jacks for Nuclear Applications

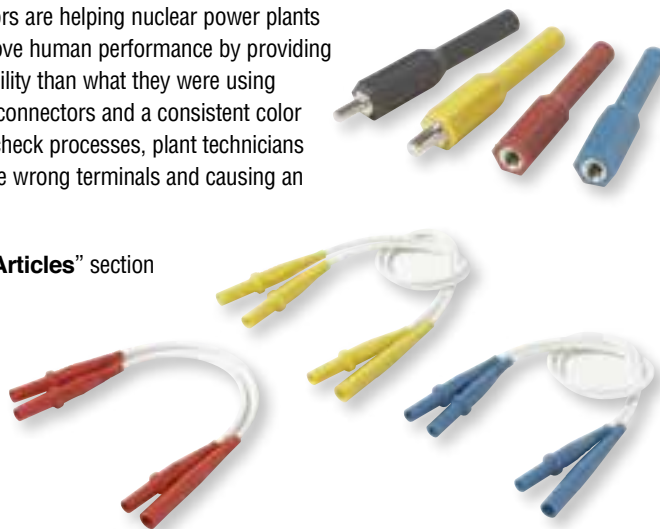


Models 73084, 73085, 73086, 73087, 73088

Pomona two-part jumpers and connectors are helping nuclear power plants streamline testing procedures and improve human performance by providing a higher-level of quality, reliability and utility than what they were using before. By integrating a common set of connectors and a consistent color scheme into their procedures and peer check processes, plant technicians reduce the risk of placing jumpers on the wrong terminals and causing an event that could shut the plant down.

For more information, please visit our "Articles" section on *nuclear applications* at www.pomonaelectronics.com

Shown on page 37 and 48



CK73041 Calibration Accessory Kit



The Pomona CK73041 Calibration Kit includes the major connectors and test cables you need for instrument calibration in a comprehensive kit. Versatile adapters and flexible cables greatly expand the variety of test cables you can create, reducing the number of special-purpose patch cords and connectors needed for calibration applications.

Perfect for:

- Field calibration
- Outfitting a new technician or lab
- Comprehensive replacement of important connectors and leads

Shown on page 52



Pomona's quality connectors and test accessories are the one answer you need when a reliable signal is demanded.



For Distributor Locations:

United States and International
www.pomonaelectronics.com

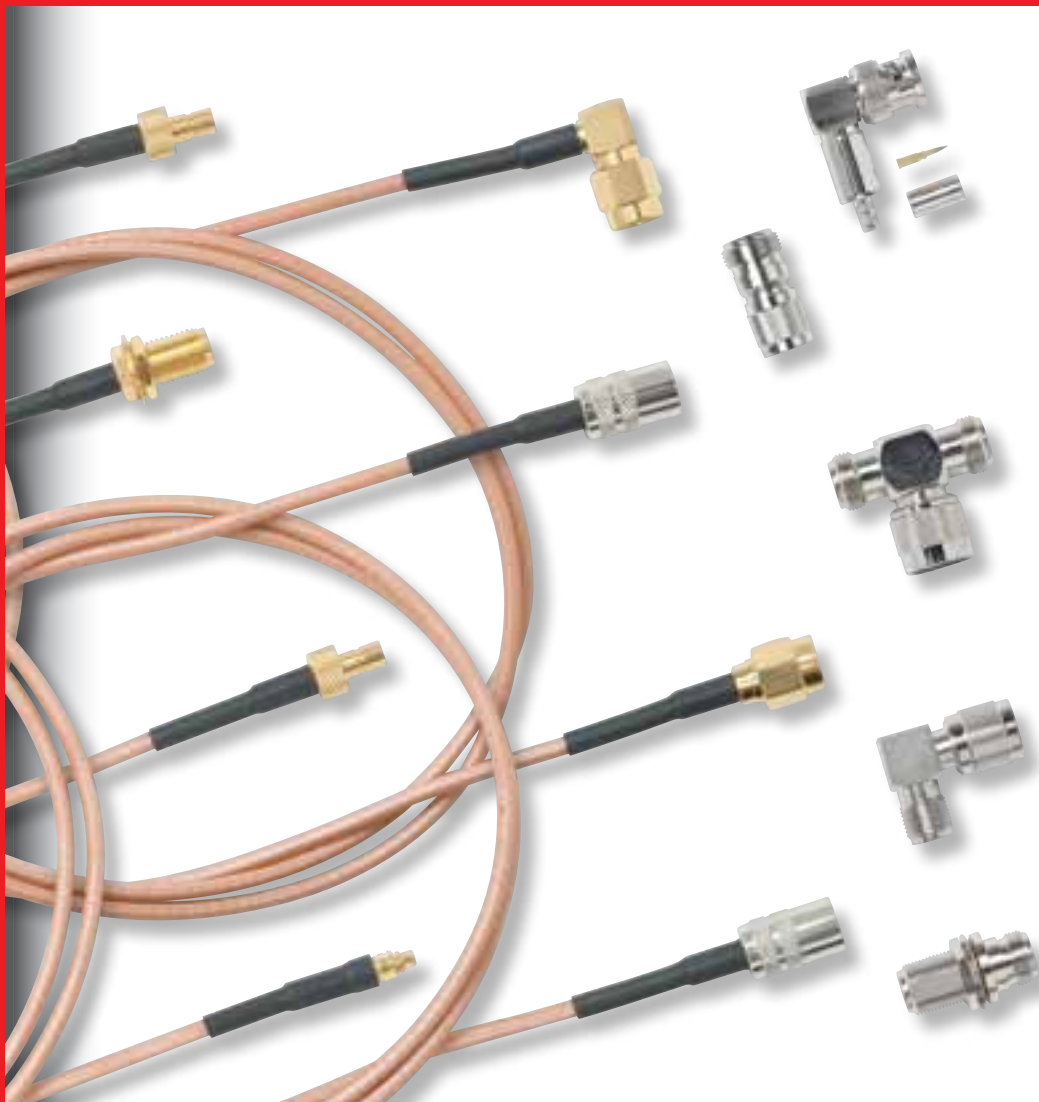
Europe
www.pomona.cc

Technical Support

U.S.
technicalsupport@pomonatest.com

Europe
+31(0) 40 2675 150

Rest of World
1-425-446-5500



Expanding the Selection of RF Cable Assemblies and Connectors



Pomona has introduced 23 new RF cable assemblies that include smaller SMA, SMB, MCX and MMCX connectors, as well as 19 new RF connectors that include BNC, TNC, N Type and UHF. The smaller cable assemblies and connectors are designed for professionals working with applications where bandwidth and low signal loss are critical.

Who can use these cables and connectors:

- Electrical and electronics engineers and technicians
- OEM (original equipment manufacturers)
- Communications technicians
- Instrumentation technicians
- Process control technicians

Shown on page 9-12, 21, 29, and 32.



敏盛企業有限公司

<http://www.mavin.com.tw>

免責聲明

資料僅供參考，若有與原廠不合之處，請以原廠規格為準，且不供任何證明文件之用

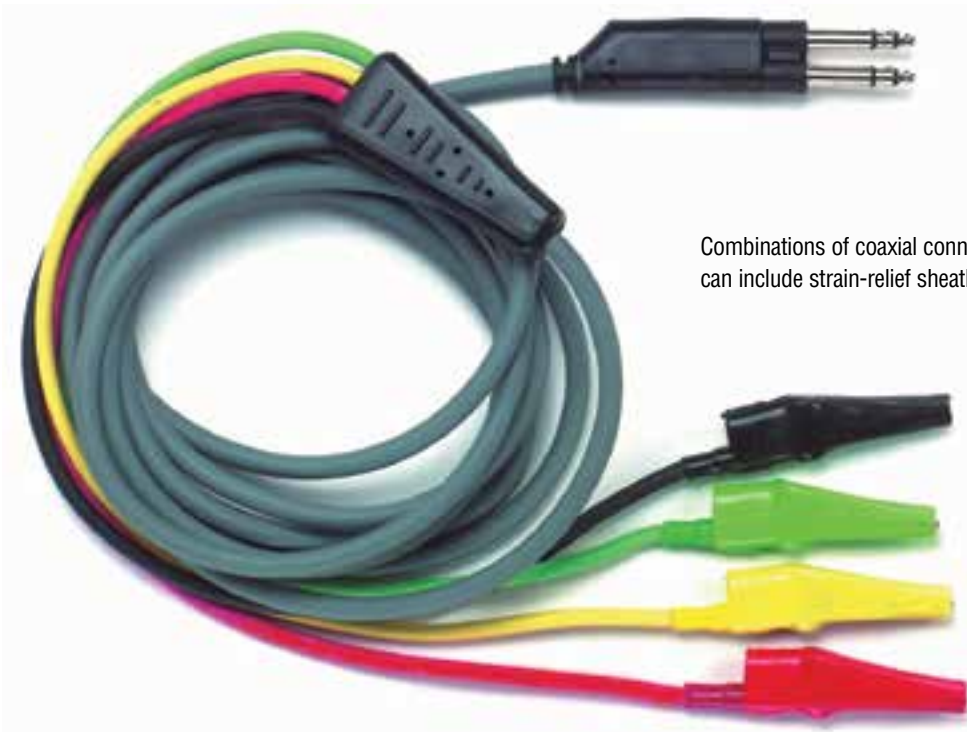
TEL:03-5970828 FAX:03-5972622 新竹湖口工業區工業四路3號2F

Customized Products

Pomona responds to a wide range of special or custom requirements by providing accessories tailored to your needs. Whether we simply modify an existing catalog product or create a unique combination of products, we use only the finest materials to deliver top quality products.

Pomona
ELECTRONICS

Think of the possibilities!
You can now define your own custom product or kit made of many combinations of cables, wires, connectors, or probes in this catalog. Can't find the length or color you need? Pomona makes it easy. Want a unique combination of connectors and cables you just can't find anywhere? Just ask Pomona!



Combinations of coaxial connector/adaptor assemblies can include strain-relief sheathing, marking and lengths.

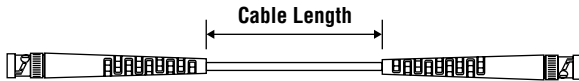
To order your Pomona Product, please select **[Custom Products]** and fill out the request form on our Pomona Electronics website.

Coaxial Cable Assemblies and Breakouts

Pomona is the professional's choice, whether in the lab, plant or in the field. Using high-quality materials such as beryllium copper, gold and nickel plating ensures the precision you rely on. With a huge selection of cables and breakouts offering almost every connector and clip combination, Pomona provides you the solution for any application.

How to Order

Example: A 48in (1.2m) coaxial cable assembly with matching BNC (m) ends, stress relief boots on RG58 C/U, 50Ω cable.

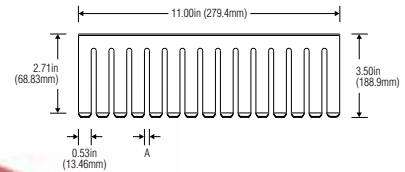


Typical Pomona Part Number: 2249-C-48
 Cable Type _____
 Cable Length in Inches (Measured Inside Connectors) _____

Model#	Length
2249-C-12	12.0in (0.3m)
2249-C-24	24.0in (0.6m)
2249-C-36	36.0in (0.9m)
2249-C-48	48.0in (1.2m)
2249-C-60	60.0in (1.5m)

Cable Assembly Holders

Model#	Color	"A" Max Cable Dia.	Number of Slots
1508	Orange	0.210in (5.33mm)	14
4408	Black	0.320in (8.13mm)	10
2708	Blue	0.450in (11.43mm)	9



Technical Specifications for Wire and Cable

Cable Designation	Type	Impedance Ω	Capacitance per 1ft/ 0.304m	Insulation/ Dielectric	AWG	Stranding Strands X AWG	Wire Type	Jacket Material	Cable O.D.	Shield	Temperature (w/o connectors)
A	twisted pair, 2 conductor	NA	27.0 pf	PVC	18	65X36	TC	PVC	0.25in (6.35mm)	NA	-4 to 221°F (-20 to +105°C)
C	Coax, RG58C/U	50	32.2 pf	PE	20	19X33	TC	PVCNC	0.195in (4.95mm)	TCB	-40 to 185°F (-40 to +85°C)
E	Coax, RG59B/U	75	22.0 pf	PE	23	Solid	BCCS	PVCNC	0.242in (6.15mm)	BCB	-40 to 140°F (-40 to +60°C)
J	Microphone, 2 conductor, shielded	90	18 / 32 pf*	PE	22	16X34	TC	PVC	0.231in (5.84mm)	TCB	-40 to 176°F (-40 to +80°C)
K	Coax, RG174/U	50	30.8 pf	PE	26	7X34	BCCS	PVC	0.110in (2.79mm)	TCB	-40 to 167°F (-40 to +75°C)
T	Coax, RG214/U	50	30.8 pf	PE	13	7X22	SPC	PVCNC	0.425in (10.8mm)	SCCB/SCCB	-40 to 176°F (-40 to +80°C)
X	Coax, RG142B/U	50	29.0 pf	TFE	18	Solid	SPCCS	FEP	0.195in (4.05mm)	SPC/SPC	-94 to 392°F (-70 to +200°C)
Y	Coax, RG223/U	50	30.8 pf	PE	19	Solid	SPC	PVCNC	0.212in (5.38mm)	SCB/SCB	-40 to 140°F (-40 to +60°C)
BB	Coax, RG316/U	50	29.0 pf	TFE	26	7X37	SPCCS	FEP	0.096in (2.44mm)	SPC	-94 to 392°F (-70 to +200°C)
SS	Coax, RG58/U, low noise	50	37.0 pf	CPE / PE	22	7X30	TC	PVC	0.195in (4.95mm)	BAF/TCB	-40 to 176°F (-40 to +80°C)
UU	Coax, RG178B/U	50	29.0 pf	PTFE	16	7X.1	SPCCS	FEP	0.071in (1.8mm)	SPC	-67 to 311°F (-55 to +155°C)
V	Coax, RG59/U	75	20.4 pf	PE	23	Solid	BCCS	PVC	0.242in (6.15mm)	BCB	-40 to 176°F (-40 to +80°C)
VV	Coax, RG179B/U	75	19.5 pf	PTFE	12	7X.1	SPCCS	FEP	0.100in (2.54mm)	SPC	-67 to 311°F (-55 to +155°C)
Triaxial	Coax, RG 58A/U, double shielded	50	30.8 pf	PE / PE	20	7X28	TC	PVC	0.240in (6.10mm)	TCB / TCB-40	to 167°F (-40 to +75°C)

* Capacitance between conductors / Capacitance between conductor and shield

AWG = American Wire Gauge
 BAF = Bonded Aluminum Foil Polyester Tape
 BCB = Bare Copper Braid
 BCCS = Bare Copper Covered Steel
 CPE = Conductive Polyethylene

FEP = Fluorinated Ethylene Propylene
 OD = Outside Diameter
 NA = Not Applicable
 PE = Polyethylene
 PVC = Polyvinyl Chloride

PVCNC = Polyvinyl Chloride Non Contaminating
 SCB = Silver Coated Braid
 SPC = Silver Plated Copper
 SCCB = Silver Coated Copper Braid

SPCCS = Silver Plated Copper Covered Steel
 SSPE = Semi-Solid Polyethylene
 TC = Tinned Copper
 TCB = Tinned Copper Braid
 TFE = Tetrafluoroethylene

BNC Male Cable with Molded Strain Relief



Rating: Maximum voltage for *hands free use*: 500 Vrms*, +122°F (+50°C) max., (*"Y" Cable 176°F (+80°C).)

BNC: *Body*: tarnish resistant nickel-plated brass; *Center Contact*: gold-plated brass; *Dielectric*: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.

Length	50Ω Cable O.D. .195in (4.95mm) RG58C/U	50Ω Cable O.D. .206in (5.23mm) RG223	75Ω Cable O.D. .242in (6.15mm) RG59B/U	50Ω Cable O.D. .100in (2.54mm) RG174/U	50Ω Cable O.D. .195in (4.95mm) RG58C/U
.5ft (0.2m)	2249-C-6	–	2249-E-6	2249-K-6	–
1ft (0.3m)	2249-C-12	2249-Y-12	2249-E-12	2249-K-12	–
2ft (0.6m)	2249-C-24	2249-Y-24	2249-E-24	2249-K-24	–
3ft (0.9m)	2249-C-36	2249-Y-36	2249-E-36	2249-K-36	–
4ft (1.2m)	2249-C-48	2249-Y-48	2249-E-48	2249-K-48	–
5ft (1.5m)	2249-C-60	2249-Y-60	2249-E-60	2249-K-60	5266-C-60
6ft (1.8m)	2249-C-72	2249-Y-72	2249-E-72	2249-K-72	–
8ft (2.4m)	2249-C-96	2249-Y-96	–	2249-K-96	–
10ft (3.0m)	2249-C-120	2249-Y-120	2249-E-120	2249-K-120	–
12ft (3.7m)	2249-C-144	2249-Y-144	2249-E-144	–	–
15ft (4.6m)	2249-C-180	2249-Y-180	2249-E-180	2249-K-180	–
20ft (6.1m)	2249-C-240	2249-Y-240	2249-E-240	2249-K-240	–
25ft (7.6m)	2249-C-300	–	2249-E-300	2249-K-300	–
30ft (9.1m)	2249-C-360	–	2249-E-360	–	–
50ft (15.2m)	2249-C-600	–	2249-E-600	–	–

Model 2249-C is Pomona Electronics' most popular cable. The 50Ω RG58C/U cable makes it ideal for most test and measurement applications.

Model 2249-Y is a 50Ω RG223/U cable with double shield. Use when additional shielding is required.

Model 2249-E RG59B/U is a 75Ω cable, making it the right choice for use with TV, video and LAN applications.

Model 2249-K RG174/U offers superior flexibility in a 50Ω cable.

Model 5266-C is the same high quality construction as Model 2249-C with a connector on **(one end only)**.

BNC Male Low-Noise Cable



Model#	Length
4964-SS-12	12in (0.3m)
4964-SS-24	24in (0.6m)
4964-SS-36	36in (0.9m)
4964-SS-48	48in (1.2m)
4964-SS-60	60in (1.5m)
4964-SS-72	72in (1.8m)
4964-SS-120	120in (3.0m)
4964-SS-240	240in (6.1m)

Model 4964-SS uses a special low-triboelectric cable which has noise attenuating layers surrounding the center conductor. The cable is ideal for low power, low frequency measurements.

Recommended Frequency Range: DC to 10KHz

BNC: *Body*: tarnish resistant nickel-plated brass; *Center Contact*: gold-plated brass; *Dielectric*: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.

BNC Male True 75Ω High Flex Cable



Model#	Length
6510-V-12-0	12in (0.3m)
6510-V-24-0	24in (0.6m)
6510-V-36-0	36in (0.9m)
6510-V-48-0	48in (1.2m)
6510-V-60-0	60in (1.5m)
6510-V-72-0	72in (1.8m)

Model 6510-V uses a true 75Ω connector for superior VSWR and low return loss up to 3 GHz. The highly flexible RG59/U type cable has a gas injected foam polyethylene dielectric with PVC jacket for low loss and superior shield coverage. Highly flexible cable and molded strain relief prevent excessive bending or kinking. An ideal product for HDTV and digital video as well as test and measurement.

Rating: Maximum voltage for *hands free use*: 500 Vrms*.

BNC: *Body*: tarnish resistant nickel-plated brass; *Center Contact*: gold-plated brass; *Dielectric*: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.

Flexible Color-coded Sleeves for BNC Cables



Model#	Pkg. Qty
6291	20

PVC sleeves which help prevent inadvertent contact with the outer shell of the BNC and allow for color-coding. Available in 10 colors. Fit most BNC male connectors. Perfect for use with any of the Model 2249- type cables.

Colors: contains 2 ea. of 10 colors.

IEC Insulated BNC Male 50Ω Cable



Model#	Length
72926-C-40	40in (100cm)
72926-C-80	80in (200cm)

Rating: 500V Cat 1, 150V Cat II, 3A.

Color: Black.

*see rating message at start of section.

BNC Male 50Ω Cable: Field Servicable Connector



Model#	Length
BNC-C-18	18in (0.5m)
BNC-C-24	24in (0.6m)
BNC-C-36	36in (0.9m)
BNC-C-48	48in (1.2m)
BNC-C-60	60in (1.5m)
BNC-C-72	72in (1.8m)
BNC-C-96	96in (2.4m)

Clamp nut and silicone gasket seal out moisture. Gold-plated center contact and Teflon® insulation assure premium performance.

Rating: Maximum voltage for hands free use: 500 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass contact soldered to cable; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

BNC Male 50Ω Cable



Model#	Length
5697-6	6in (0.2m)
5697-12	12in (0.3m)
5697-24	24in (0.6m)
5697-36	36in (0.9m)
5697-48	48in (1.2m)
5697-60	60in (1.5m)
5697-72	72in (1.8m)
5697-120	120in (3.0m)
5697-180	180in (4.6m)
5697-240	240in (6.1m)

Rating: Maximum voltage for hands free use: 500 Vrms*.

Cable Type: 50Ω, RG58 type 0.19in (4.95mm) O.D.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass contact crimped to cable; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

BNC Male Right Angle Connector Cable with Molded Strain Relief



Model#	Length
4276-C-12	12in (0.3m)
4276-C-24	24in (0.6m)
4276-C-36	36in (0.9m)

Rating: Maximum voltage for hands free use: 500 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Dielectric: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.

BNC Male 50Ω Cable with Insulated Push-on Connector



Model#	Length
6253-C-36	36in (0.9m)

Unique locking feature assures secure retention with the convenience of a push-on connector.

Rating: Maximum voltage for hands free use: 500 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Outer Shell: blue thermoplastic; Dielectric: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.

BNC Male to BNC Male Right Angle 50Ω Cable



Model#	Length
1383-C-24	24in (0.6m)
1383-C-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 500 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

BNC Male to BNC Female with Molded Strain Relief



Model#	Length
4524-C-36	36in (0.9m)
4524-C-48	48in (1.2m)
4524-C-60	60in (1.5m)

Use to extend BNC Cables.

Rating: Maximum voltage for hands free use: 500 Vrms*.

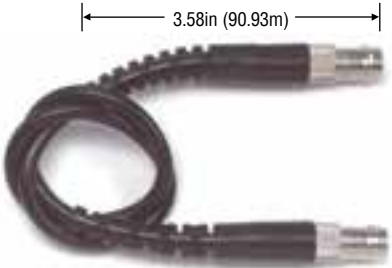
BNC: Body: tarnish resistant nickel-plated brass; Center Contact: male: gold-plated brass; female: gold-plated beryllium copper; Dielectric: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.



BNC Female 50Ω Cable with Molded Strain Relief



Model#	Length
4277-C-24	24in (0.6m)
4277-C-48	48in (1.2m)

Rating: Maximum voltage for *hands free use*: 500 Vrms*.

BNC: *Body*: tarnish resistant nickel-plated brass; *Center Contact*: gold-plated beryllium copper; *Dielectric*: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

See chart on page 6 for additional wire and cable specifications.

SMA Male to SMA Female



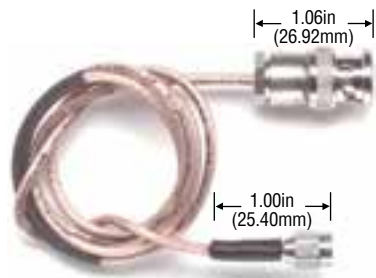
RG 174/U	Length
4528-K-48	48in (1.2m)
RG 142B/U	
4528-X-24	24in (0.6m)
4528-X-48	48in (1.2m)

SMA: *Body/Fittings*: passivated stainless steel; *Contact*: gold-plated brass; *Dielectric*: PTFE.

SMA (F): gold-plated, beryllium copper center contact; *Dielectric*: PTFE.

See chart on page 6 for additional wire and cable specifications.

BNC Male to SMA Male 50Ω Teflon Insulated Cable



RG 316/U	Length
4935-BB-24	24in (0.6m)
4935-BB-48	48in (1.2m)
4935-BB-60	60in (1.5m)

Rating: Maximum voltage for *hands free use*: 335 Vrms*.

SMA: *Body/Fittings*: passivated stainless steel; *Contact*: gold-plated brass; *Dielectric*: PTFE.

BNC: *Body*: tarnish resistant nickel-plated brass; *Center Contact*: gold-plated brass; *Dielectric*: PTFE.

See chart on page 6 for additional wire and cable specifications.

SMA Male to Type 'N' Male 50Ω Cable



Model#	Length
5058-X-36	36in (0.9m)
5058-X-48	48in (1.2m)
5058-X-60	60in (1.5m)

SMA: *Body/Fittings*: passivated stainless steel; *Contact*: gold-plated brass; *Dielectric*: PTFE.

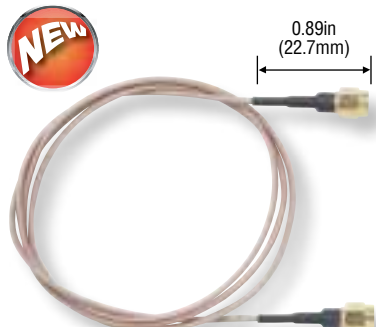
Type 'N': *Body*: white bronze-plated brass; *Center Contact*: gold-plated brass; *Dielectric*: PTFE.

See chart on page 6 for additional wire and cable specifications.

SMA Male 50Ω Cable



4846-C



4846-UU

RG 174/U	Length
4846-K-24	24in (0.6m)
4846-K-48	48in (1.2m)
4846-K-60	60in (1.5m)
RG 316/U	
4846-BB-24	24in (0.6m)
4846-BB-48	48in (1.2m)
4846-BB-60	60in (1.5m)

RG 142B/U	Length
4846-X-24	24in (0.6m)
4846-X-48	48in (1.2m)
4846-X-60	60in (1.5m)
RG 58C/U	
4846-C-12	12in (0.3m)
4846-C-24	24in (0.6m)
4846-C-36	36in (0.9m)
4846-C-48	48in (1.2m)
4846-C-60	60in (1.5m)

RG 178B/U	Length
4846-UU-12	12in (0.3m)
4846-UU-24	24in (0.6m)
4846-UU-36	36in (0.9m)
4846-UU-48	48in (1.2m)
4846-UU-60	60in (1.5m)

SMA: *Body/Fittings*: passivated stainless steel or gold-plated brass; *Contact*: gold-plated brass; *Dielectric*: PTFE.

See chart on page 6 for additional wire and cable specifications.

Type 'N' Male 50Ω Cable



Model#	Length
1658-T-18	18in (0.5m)
1658-T-24	24in (0.6m)
1658-T-36	36in (0.9m)
1658-T-48	48in (1.2m)
1658-T-60	60in (1.5m)

Rating: Maximum voltage for *hands free use*: 1,000 Vrms*.

Type 'N': *Body*: white bronze-plated brass; *Center Contact*: gold-plated brass; *Dielectric*: PTFE.

See chart on page 6 for additional wire and cable specifications.



*see rating message at start of section.

MMCX Male 50Ω Cable



73063-BB

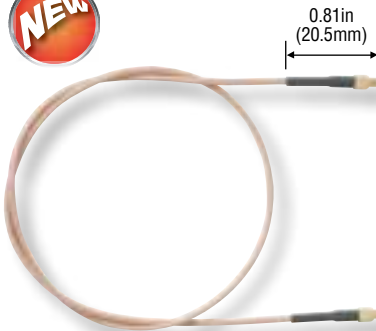
RG 316/U	Length
73063-BB-6	6in (0.15m)
73063-BB-12	12in (0.3m)
73063-BB-24	24in (0.6m)
73063-BB-36	36in (0.9m)
RG 178B/U	Length
73077-UU-12	12in (1.5m)
73077-UU-24	24in (1.8m)
73077-UU-36	36in (2.4m)
73077-UU-48	48in (2.4m)

Rating: Maximum voltage for hands free use: 500 V.

MMCX: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

MCX Male 50Ω Cable



73067-BB

RG 316/U	Length
73067-BB-6	6in (0.15m)
73067-BB-12	12in (0.3m)
73067-BB-24	24in (0.6m)
73067-BB-36	36in (0.9m)
RG 178B/U	Length
73075-UU-12	12in (1.2m)
73075-UU-24	24in (1.5m)
73075-UU-36	36in (1.8m)
73075-UU-48	48in (3.0m)

Rating: Maximum voltage for hands free use: 750 V.

MCX: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

MCX Male 75Ω Cable



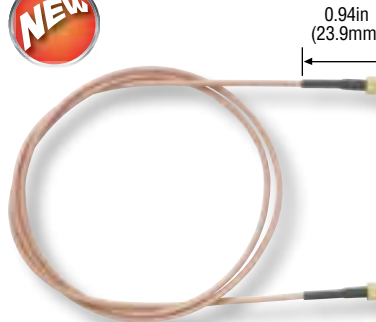
RG 179B/U	Length
73075-VV-12	12in (0.3m)
73075-VV-24	24in (0.6m)
73075-VV-36	36in (0.9m)
73075-VV-48	48in (1.2m)

Rating: Maximum voltage for hands free use: 750 V.

MCX: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

SMB Jack 50Ω Cable



RG 316/U	Length
73072-BB-6	6in (0.15m)
73072-BB-12	12in (0.3m)
73072-BB-24	24in (0.6m)
73072-BB-36	36in (0.9m)
73072-BB-48	48in (1.2m)

Rating: Maximum voltage for hands free use: 750 V.

SMB: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

SMB Jack 75Ω Cable



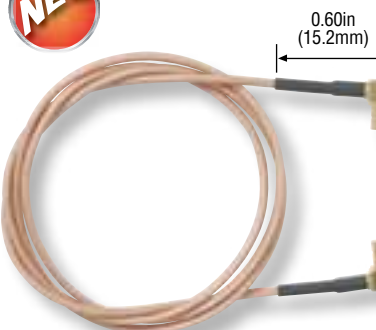
RG 179B/U	Length
73072-VV-12	12in (0.3m)
73072-VV-24	24in (0.6m)
73072-VV-36	36in (0.9m)
73072-VV-48	48in (1.2m)
73072-VV-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 750 V.

SMB: Body/Fittings: gold-plated brass; Contact: gold-plated brass; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

SMB Jack Right Angle 50Ω Cable



RG 316/U	Length
73073-BB-6	6in (1.5m)
73073-BB-12	12in (0.3m)
73073-BB-24	24in (0.6m)
73073-BB-36	36in (0.9m)
73073-BB-48	48in (1.2m)

Rating: Maximum voltage for hands free use: 750 V.

SMB: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE.

See chart on page 6 for additional wire and cable specifications.

MMCX Male to MMCX Male Right Angle 50Ω Cable



RG 316/U	Length
73064-BB-6	6in (0.15m)
73064-BB-12	12in (0.3m)
73064-BB-24	24in (0.6m)
73064-BB-36	36in (0.9m)

Rating: Maximum voltage for hands free use: 500 V*.

MMCX: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE. See chart on page 6 for additional wire and cable specifications.

MCX Male Right Angle 50Ω

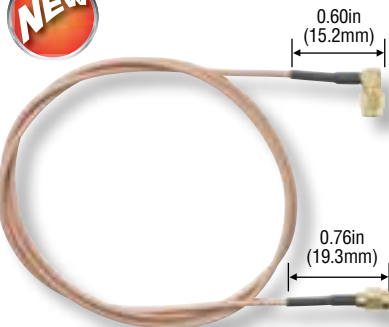


RG 316/U	Length
73068-BB-6	6in (0.15m)
73068-BB-12	12in (0.3m)
73068-BB-24	24in (0.6m)
73068-BB-36	36in (0.9m)

Rating: Maximum voltage for hands free use: 750 V*.

SMA: Body/Fittings: gold-plated brass; Contact: gold-plated phosphor bronze; Dielectric: PTFE. See chart on page 6 for additional wire and cable specifications.

SMA Male to SMA Male Right Angle 50Ω Cable



RG 316/U	Length
73069-BB-12	12in (0.3m)
73069-BB-24	24in (0.6m)
73069-BB-36	36in (0.9m)
73069-BB-48	48in (1.2m)
73069-BB-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 750 V*.

SMA: Body/Fittings: gold-plated brass; Contact: gold-plated brass; Dielectric: PTFE

See chart on page 6 for additional wire and cable specifications.

SMA Male to SMA Female Bulkhead 50Ω Cable



RG 316/U	Length
73070-BB-12	12in (0.3m)
73070-BB-24	24in (0.6m)
73070-BB-36	36in (0.9m)
73070-BB-48	48in (1.2m)
73070-BB-60	60in (1.5m)

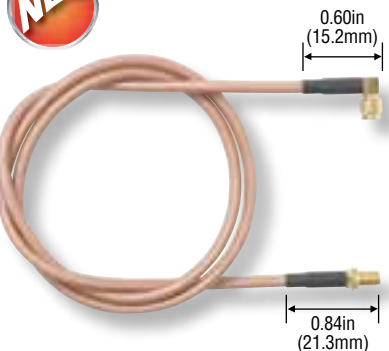
RG 58C/U	Length
73070-C-12	24in (0.6m)
73070-C-24	24in (0.6m)
73070-C-36	36in (0.9m)
73070-C-48	48in (1.2m)
73070-C-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 750 V.

SMA: Body/Fittings: gold-plated brass; Contact: beryllium copper and brass, gold-plated; Dielectric: PTFE

See chart on page 6 for additional wire and cable specifications.

SMA Male Right Angle to SMA Female Bulkhead 50Ω Cable



RG 316/U	Length
73071-BB-12	12in (0.3m)
73071-BB-24	24in (0.6m)
73071-BB-36	36in (0.9m)
73071-BB-48	48in (1.2m)
73071-BB-60	60in (1.5m)

RG 142B/U	Length
73071-X-12	12in (0.3m)
73071-X-24	24in (0.6m)
73071-X-36	36in (0.9m)
73071-X-48	48in (1.2m)
73071-X-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 750 V.

SMA: Body/Fittings: gold-plated brass; Contact: beryllium copper and brass, gold-plated; Dielectric: PTFE

See chart on page 6 for additional wire and cable specifications.

*see rating message at start of section.

SMA Male to SMA Male Quick-Connect 50Ω Cable



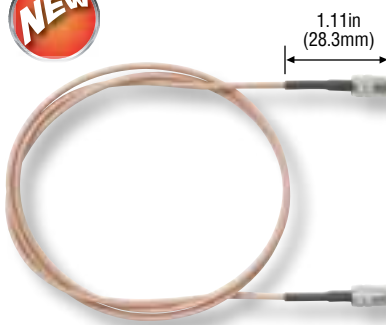
RG 142B/U	Length
73082-X-12	12in (0.3m)
73082-X-24	24in (0.6m)
73082-X-36	36in (0.9m)
73082-X-48	48in (1.2m)
73082-X-60	60in (1.2m)

Rating: Maximum voltage for hands free use: 750 V

SMA: *Body/Fittings:* brass, gold-plated and nickel-plated; *Contact:* gold-plated brass; *Dielectric:* PTFE.

See chart on page 6 for additional wire and cable specifications.

SMA Male Quick-Connect 50Ω Cable



RG 316/U	Length
73083-BB-12	12in (0.3m)
73083-BB-24	24in (0.6m)
73083-BB-36	36in (0.9m)
73083-BB-48	48in (1.2m)
73083-BB-60	60in (1.2m)

RG 142B/U	Length
73083-X-12	12in (1.2m)
73083-X-24	24in (1.5m)
73083-X-36	36in (1.8m)
73083-X-48	48in (3.0m)
73083-X-60	60in (1.2m)

Rating: Maximum voltage for hands free use: 750 V.

SMA: *Body/Fittings:* nickel-plated brass; *Contact:* gold-plated brass; *Dielectric:* PTFE

See chart on page 6 for additional wire and cable specifications.

MMCX Male to SMA Female Bulkhead 50Ω Cable



RG 316/U	Length
73065-BB-12	12in (0.3m)
73065-BB-24	24in (0.6m)
73065-BB-36	36in (0.9m)
73065-BB-48	48in (1.2m)

RG 178B/U	Length
73078-UU-12	12in (0.3m)
73078-UU-24	24in (0.6m)
73078-UU-36	36in (0.9m)
73078-UU-48	48in (1.2m)

Rating: Maximum voltage for hands free use: 500 V.

MMCX: *Body/Fittings:* gold-plated brass; *Contact:* gold-plated phosphor bronze; *Dielectric:* PTFE.

SMA: *Body/Fittings:* gold-plated brass; *Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

See chart on page 6 for additional wire and cable specifications.

MMCX Male Right Angle to SMA Female Bulkhead 50Ω Cable



RG 316/U	Length
73066-BB-12	12in (0.3m)
73066-BB-24	24in (0.6m)
73066-BB-36	36in (0.9m)
73066-BB-48	48in (1.2m)

Rating: Maximum voltage for hands free use: 500 V.

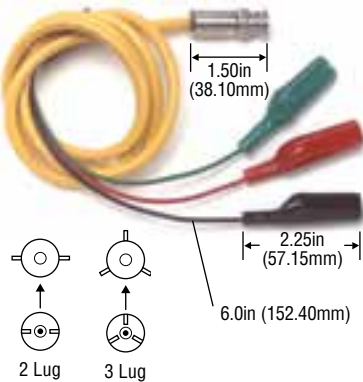
MMCX: *Body/Fittings:* gold-plated brass; *Contact:* gold-plated phosphor bronze; *Dielectric:* PTFE.

SMB: *Body/Fittings:* gold-plated brass; *Contact:* gold-plated beryllium copper; *Dielectric:* PTFE.

See chart on page 6 for additional wire and cable specifications.

Triaxial Male to Three Alligator Test Clips, Double Shielded

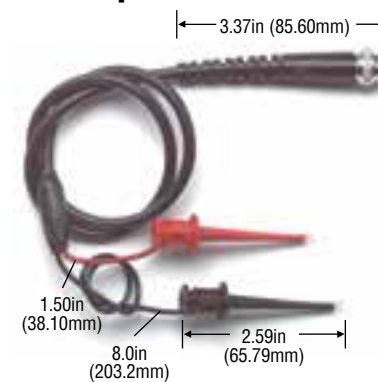
Model#	Cable Type	Lugs	Length
4725	Triaxial	2	36in (0.9m)
5342	Triaxial	3	36in (0.9m)



Rating: Maximum voltage for *hands free use*: 150 Vrms*.
Jaw Opening: 0.30in (7.62mm) Max.
Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Intermediate and Center Contacts:* gold-plated brass; *Dielectric:* PTFE.
 See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Minigrabber® Test Clips

Model#	Length
5423-C-24	24in (0.6m)
5423-C-36	36in (0.9m)
5423-C-48	48in (1.2m)



Rating: Maximum voltage for *hands free use*: 300 Vrms*.
BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* gold-plated brass; *Dielectric:* PTFE.
Strain Relief: PVC molded directly to cable and connectors.
Minigrabber: *Contacts:* beryllium gold-plated copper; *Insulation:* glass filled nylon.
Colors: One black and one red.
 See chart on page 6 for additional wire and cable specifications.

Triaxial Male Cables

Model#	Cable Type	Lugs	Length
5223-36	Triaxial	3	36in (0.9m)
5223-60			60in (1.5m)
5054-36	Triaxial	2	36in (0.9m)
5054-60			60in (1.5m)



Rating: Maximum voltage for *hands free use*: 500 Vrms*.
Triaxial: *Body/Fittings:* tarnish resistant nickel-plated brass; *Intermediate and Center Contacts:* gold-plated brass; *Dielectric:* PTFE.
Cable Type: Double Shielded, 50Ω, RG58A/U.
Colors: 5223: Yellow, 5054: Yellow.
 Triaxial to BNC Adapters on page 31.
 See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Micrograbber® Test Clips

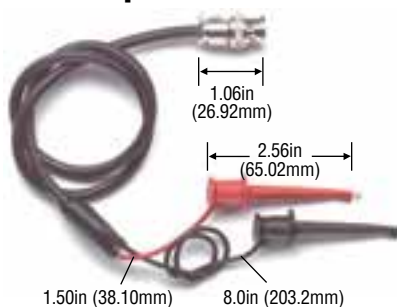
Model#	Length
4777-C-24	24in (0.6m)
4777-C-36	36in (0.9m)
4777-K-24	24in (0.6m)
4777-K-36	36in (0.9m)
4777-K-48	48in (1.2m)



Rating: Maximum voltage for *hands free use*: 150 Vrms*.
BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* gold-plated brass; *Dielectric:* PTFE.
Strain Relief: PVC molded directly to cable and connectors.
Micrograbber: *Contacts:* beryllium gold-plated copper; *Insulation:* glass filled nylon.
Colors: One black and one red.
 See chart on page 6 for additional wire and cable specifications.

BNC Male to Minigrabber® Test Clips

Model#	Length
3787-C-18	18in (0.5m)
3787-C-24	24in (0.6m)
3787-C-36	36in (0.9m)
3787-C-48	48in (1.2m)
3787-C-60	60in (1.5m)



Rating: Maximum voltage for *hands free use*: 300 Vrms*.
BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* gold-plated brass; *Dielectric:* PTFE.
Minigrabber: *Contacts:* beryllium gold-plated copper; *Insulation:* glass filled nylon.
Colors: One black and one red.
 See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Alligator Test Clips

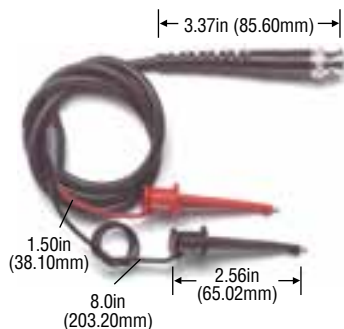
Model#	Length
4531-C-18	18in (0.5m)
4531-C-24	24in (0.6m)
4531-C-30	30in (0.76m)
4531-C-36	36in (0.9m)
4531-C-48	48in (1.2m)
4531-C-60	60in (1.5m)



Rating: Maximum voltage for *hands free use*: 150 Vrms*.
Jaws Opening: 0.3in (7.62mm) max.
BNC: *Body:* tarnish resistant nickel-plated brass; *Center Contact:* gold-plated brass; *Dielectric:* PTFE.
Strain Relief: PVC molded directly to cable and connectors.
Alligator: *Body:* steel-plated nickel.
Colors: Vinyl boots: one black and one red.
 See chart on page 6 for additional wire and cable specifications.

*see rating message at start of section.

BNC Male with Molded Strain Relief to Minigrabber® Test Clips



Model#	Length
5187-C-24	24in (0.6m)
5187-C-36	36in (0.9m)
5187-C-48	48in (1.2m)
5187-C-60	60in (1.5m)
5187-K-24	24in (0.6m)
5187-K-36	36in (0.9m)
5187-K-48	48in (1.2m)
5187-K-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 300 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Dielectric: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

Minigrabber: Contacts: beryllium gold-plated copper; Insulation: glass filled nylon.

Colors: One black and one red.

See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Minigator® Test Clips



Model#	Length
4532-C-24	24in (0.6m)
4532-C-36	36in (0.9m)
4532-C-48	48in (1.2m)
4532-C-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 45 Vrms*.

Jaws Opening: to 0.18in (47.50mm) max.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Dielectric: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

Minigator: Body: steel-plated nickel

Colors: Vinyl boots: one black and one red.

Rating: +122°F (+50°C) max.

See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to SMD Grabber® Test Clips



Model#	Length
5304-K-24	24in (0.6m)
5304-K-36	36in (0.9m)

Rating: Maximum voltage for hands free use: 150 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Dielectric: PTFE.

Strain Relief: PVC molded directly to cable and connectors.

Grabber: Contacts: gold-plated stainless steel; Insulation: glass filled nylon.

Colors: One black and one red.

See chart on page 6 for additional wire and cable specifications.

BNC Male to Stacking Pin Tip Plugs



Model#	Length
2882-C-60	60in (1.5m)

Rating: Maximum voltage for hands free use: 500 Vrms*, +122°F (+50°C) max.

Cable Type: RG58C/U, 0.19in (4.95mm) O.D.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass.

Pin Tip Plug: Body: gold-plated brass; Insulation: polypropylene.

Colors: One black and one red.

Strain Relief: contact soldered to cable.

See chart on page 6 for additional wire and cable specifications.

BNC Male to Multi-Stacking Double Banana Plugs



Model#	Length
2BC-BNC-36	36in (0.9m)

Rating: Maximum voltage for hands free use: 500 Vrms*, +122°F (+50°C) max.

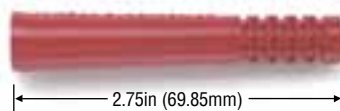
Cable Type C: RG58C/U, 0.19in (4.95mm) O.D.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass.

2nd End: Double Banana Plugs. Body: nickel-plated brass beryllium copper spring; Insulation: polypropylene. Color: Black.

Strain Relief: PVC molded directly to cable and connectors.

Strain Relief Boot



Model#	Fits Cable Types	For Cable O.D.
5155-*	RG 58, 141	0.185in - .200 (4.70mm - 5.08mm)
5156-*	RG 59, 62, 210	0.237in - .247in (6.02mm - 6.27mm)
5157-*	RG 174, 187, 188	0.090in - .110in (2.29mm - 2.79mm)

Rating: +122°F (+50°C) Max. Use with crimp type connectors. Sold in packages of 10.

*Std. Colors: -0 Black, -2 Red

Insulated BNC Male/4mm Shrouded Plugs



Model#	Length
72927-C-40	40in (100cm)
72927-C-80	80in (200cm)

Impedance: 50Ω.
Rating: 500V Cat I, 150 V Cat II, 3A.
Color: Black.

IEC Insulated BNC Male to Stackable/Retractable 4 mm plugs



Model#	Length
72908	10in (25cm)

Impedance: 50Ω.
Rating: 33 Vrms / 70 Vdc, 6A.
Color: Black.

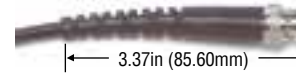
IEC Insulated BNC Female to Stackable/Retractable 4 mm plugs



Model#	Length
72909	10in (25cm)

Impedance: 50Ω.
Rating: 33 Vrms / 70 Vdc, 6A.
Color: Black.

BNC Male to ... the ends listed below



1st End: Crimp BNC Male with Molded Strain Relief.

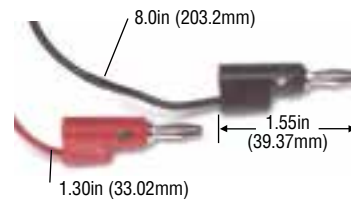
Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass; Impedance: 50Ω, Boot, PVC; Color: black.
Cable Type C: RG58C/U

Rating: Maximum voltage for *hands free use*: 500 Vrms*.

BNC: Body: tarnish resistant nickel-plated brass; Center Contact: gold-plated brass
Strain Relief: PVC molded directly to cable and connectors.

Match to any end shown below

BNC Male with Molded Strain Relief to Multi-Stacking Banana Plugs

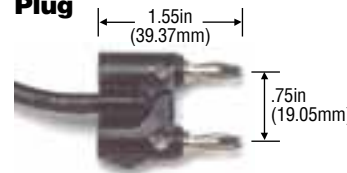


Model#	Length
5268-C-24	24in (0.6m)
5268-C-36	36in (0.9m)
5268-C-48	48in (1.2m)
5268-C-60	60in (1.5m)

2nd End: Stacking Banana Plugs.
Body: nickel-plated brass beryllium copper spring; Insulation: polypropylene; Colors: one black and one red.

See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Multi-Stacking Double Banana Plug

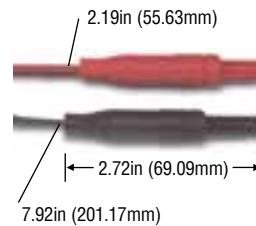


Model#	Length
4530-C-18	18in (0.5m)
4530-C-24	24in (0.6m)
4530-C-36	36in (0.9m)
4530-C-48	48in (1.2m)
4530-C-60	60in (1.5m)

2nd End: Double Banana Plugs.
Body: nickel-plated brass beryllium copper spring; Insulation: polypropylene. Color: black.

See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Retractable Sheath Banana Plugs



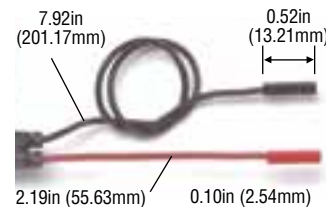
Model#	Length
5343-C-12	12in (0.3m)
5343-C-24	24in (0.6m)
5343-C-36	36in (0.9m)
5343-C-48	48in (1.2m)
5343-C-60	60in (1.5m)

Ideal for use with binding posts.

2nd End: Sheathed Banana Plugs.
Body: nickel-plated brass beryllium copper spring; Insulation: nylon.

See chart on page 6 for additional wire and cable specifications.

BNC Male with Molded Strain Relief to Square Pin Receptacles



Model#	Length
4945-K-18	18in (0.5m)
4945-K-24	24in (0.6m)
4945-K-36	36in (0.9m)
4945-K-48	48in (1.2m)
4945-K-60	60in (1.5m)

2nd End: 0.025in (0.6mm) Square Pin Receptacles

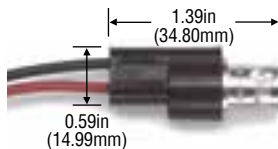
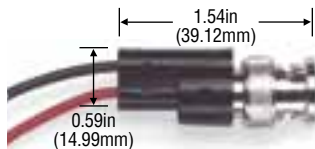
Center Contact, gold-plated brass; Insulation: ABS; Colors: one black and one red.

See chart on page 6 for additional wire and cable specifications.

*see rating message at start of section.

BNC Male or Female to ... the ends listed below

BNC Male (1st End):
Body: tarnish resistant nickel-plated brass;
Center Contact: gold-plated brass;
Insulation: polypropylene; Dielectric: PTFE.
Nominal impedance: 50Ω.
Colors: Black.



Overall length = BNC length + wire length + clip/plug length

BNC Female (1st End):
Body: tarnish resistant nickel-plated brass;
Center Contact: beryllium gold-plated copper;
Insulation: polypropylene; Dielectric: PTFE.
Nominal impedance: 50Ω.
Colors: Black.

Match to any end shown below

Male Model#	Female Model#	Wire Length
-------------	---------------	-------------

Male Model#	Female Model#	Wire Length
-------------	---------------	-------------

...Minigrabber® Test Clips (2nd End)

3789	3788	5.5in (140mm)
------	------	---------------

Minigrabber: Contacts: beryllium gold-plated copper; Insulation: glass filled nylon.
Colors: One black and one red.
Rating: Maximum voltage for hands free use: 300 Vrms*, +131°F (+55°C) max.



... Alligator Test Clips (2nd End)

—	2630	5in (127mm)
---	------	-------------

Alligator: Body: steel-plated nickel.
Colors: Vinyl boots: one black and one red.
Rating: +122°F (+50°C) max.
Rating: Maximum voltage for hands free use: 150 Vrms*.
Jaw Opening: 0.30in (7.62mm).



...Micrograbber® Test Clips (2nd End)

5189	5188	5.4in (137mm)
------	------	---------------

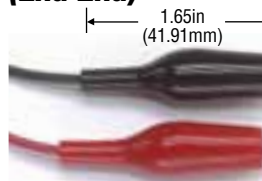
Micrograbber: Contacts: beryllium gold-plated copper; Insulation: glass filled nylon.
Colors: One black and one red.
Rating: Maximum voltage for hands free use: 150 Vrms*, +131°F (+55°C) max.



... Minigator Test Clips (2nd End)

2886	2631	5.9in (149mm)
------	------	---------------

Minigator: Body: steel-plated nickel.
Colors: Vinyl boots: one black and one red.
Rating: Maximum voltage for hands free use: 45 Vrms*, +122°F (+50°C) max.
Jaw Opening: 0.18in (47.50mm).



... SMD Grabber® Test Clips (2nd End)

—	5305	5.5in (140mm)
---	------	---------------

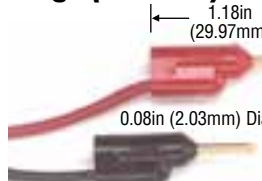
Grabber: Contacts: gold-plated stainless steel; Insulation: glass filled nylon.
Colors: One black and one red.
Rating: Maximum voltage for hands free use: 150 Vrms*, +131°F (+55°C) max.



... Stacking Pin Tip Plugs (2nd End)

3901	3221	5.5in (140mm)
------	------	---------------

Pin Tip Plug: Body: gold-plated brass; Insulation: polypropylene.
Colors: One black and one red.
Rating: Maximum voltage for hands free use: 500 Vrms*, +131°F (+55°C) max.



... Multi-Stacking Banana Plug (2nd End)

3957	3073	5.4in (137mm)
------	------	---------------

Banana Plug: Body: brass, Spring: beryllium copper; gold-plated. Insulation: polypropylene.
Colors: One black and one red
Rating: Maximum voltage for hands free use: 500 Vrms*, +131°F (+55°C) max.



... 20 AWG Leads (2nd End)

4970	4969	5.9in (149mm)
------	------	---------------

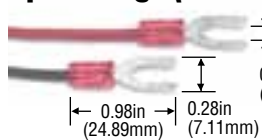
Rating: Maximum voltage for hands free use: 500 Vrms*, +131°F (+55°C) max.
2nd End: None.



Female only ... to #8 Spade Lugs (2nd End)

—	5051	5.4in (136mm)
---	------	---------------

Spade Lug: Body: Copper, tin-plated; Insulation: vinyl.
Colors: One black and one red.
Rating: Maximum voltage for hands free use: 500 Vrms*, +131°F (+55°C) max.



... Stacking Miniature Banana Plugs (2nd End)

—	3966	5.5in (140mm)
---	------	---------------

Banana Plug: Body: brass, Spring: beryllium copper; gold-plated. Insulation: polypropylene.
Colors: One black and one red
Rating: Maximum voltage for hands free use: 500 Vrms*, +131°F (+55°C) max.



Female only ... to .025 Square Pin Receptacles (2nd End)

—	5069	5.6in (143mm)
---	------	---------------

Square Pin: Gold-plated phosphor bronze, ABS insulation.
Colors: One black and one red.
Rating: Maximum voltage for hands free use: 500 Vrms*, +131°F (+55°C) max.

