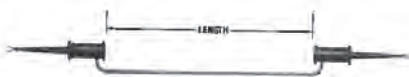


## MONOLITHIC OSCILLOSCOPE PROBES

These general purpose oscilloscope probes are designed, rated, and specified to match the bandwidth of your instrument. This gives you a full voltage read-out through the entire rated bandwidth of the probe. All probes are rated 300V (DC + Peak AC), Per IEC1010-2-031, Cat.I. Cables are 1.2 metres except 5827A, which is 2.0 metres. Complete accessory kit included.

Cat. No.	Attenuation	System Bandwidth (-3dB) MHz	System Rise time ns	System Input Resistance* MΩ	Capacitance* pF	Compensation Range pF	Readout Actuator	Ground Reference	Net Price
5800A	X1	30	11.66	1	57	NA			\$61.89
6265	X10	60	5.83	10	10.5	10-60			42.14
6266	X1/X10	20/60	17.5/5.83	1/10	65/11	NA/10-60		X	44.77
5795A	X10	100	3.5	10	9.5	10-60			51.36
4550B	X1/X10	15/100	23.33/3.5	1/10	64/10.5	NA/10-60		X	64.52
6049A	X10	150	2.33	10	10.5	10-30			52.67
SP150B	X1/X10	15/150	23.33/2.33	1/10	50/15	NA/10-60		X	68.48
6101A	X10	150	2.33	10	10.5	10-30	X		63.26
5803A	X10	200	1.75	10	10	10-60			68.48
5806A	X1/X10	20/200	17.5/1.75	1/10	77/11.5	NA/10-60		X	73.75
5827A	X100	200	1.75	10	5.5	15-50			118.51
6069A	X10	250	1.4	10	10	10-30			68.48
6102A	X10	250	1.4	10	10	10-30	X		73.75
5809A	X10	300	1.17	10	17	10-60			118.51
5812A	X10	300	1.17	10	17	10-60	X		125.10
6501	X10	350	1.0	10	12	8-45			126.42

\*Measurements based on 1MΩ, 20 pF oscilloscope.



### SMD GRABBER TEST CLIPS, EACH END

**1ST END:** SMD Grabber Test Clip. Contact, selectively gold plated stainless steel. Insulation, glass filled nylon. **WIRE:** 22 AWG, 26 x 36 t.c., PVC insulated, 1.63mm (.064) O.D. **2ND END:** Same as first end. **RATING:** 150V, 0.5 amps, +102°C. (+216°F) max.

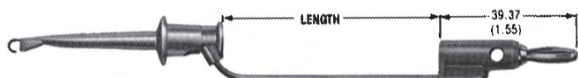
Cat. No.	Colour	Length	Net Price
5301-36-0	Black	914.4 (36.0)	\$8.32
5301-36-2	Red	914.4 (36.0)	8.32



### ALLIGATOR CLIP, EACH END

**1ST END:** Alligator Clip. Steel, nickel plated. Vinyl boot. **WIRE:** 18 AWG, 65 x 36, t.c., PVC insulated, 3.66 (.144) O.D. **2ND END:** Same as first end. **RATING:** 150V, 5 amps, +50°C. (+122°F) max.

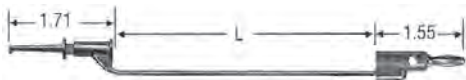
Cat. No.	Colour	Length	Net Price
AL-B-12-0	Black	304.8 (12.0)	\$5.60
AL-B-12-2	Red	304.8 (12.0)	5.60
AL-B-36-0	Black	914.4 (36.0)	5.60
AL-B-36-2	Red	914.4 (36.0)	5.60



### MINIGRABBER TEST CLIP TO STACKING BANANA PLUG

**1ST END:** Minigrabber Test Clip. Contact beryllium copper, gold plated. Insulation, glass filled nylon. **WIRE:** 20 AWG, 41 x 36 t.c., PVC insulated, 2.21mm (.087) O.D. **2ND END:** Stacking Banana Plug. Brass body, beryllium copper spring, nickel plated. Polypropylene insulation. **RATING:** 300V; 5 amps; +55°C. (+131°F) max.

Cat. No.	Colour	Length	Net Price
3782-12-0	Black	304.8 (12.0)	\$5.56
3782-24-0	Black	609.6 (24.0)	5.56
3782-36-0	Black	914.4 (36.0)	5.56
3782-48-0	Black	1219.2 (48.0)	5.56
3782-60-0	Black	1524.0 (60.0)	5.56
3782-12-1	Brown	304.8 (12.0)	4.68
3782-24-1	Brown	609.6 (24.0)	5.56
3782-36-1	Brown	914.4 (36.0)	5.56
3782-48-1	Brown	1219.2 (48.0)	5.56
3782-60-1	Brown	1524.0 (60.0)	5.56
3782-12-2	Red	304.8 (12.0)	4.68
3782-24-2	Red	609.6 (24.0)	5.56
3782-36-2	Red	914.4 (36.0)	5.56
3782-48-2	Red	1219.2 (48.0)	5.56
3782-60-2	Red	1524.0 (60.0)	5.56
3782-12-3	Orange	304.8 (12.0)	4.68
3782-24-3	Orange	609.6 (24.0)	5.56
3782-36-3	Orange	914.4 (36.0)	5.56
3782-48-3	Orange	1219.2 (48.0)	5.56
3782-60-3	Orange	1524.0 (60.0)	5.56
3782-12-4	Yellow	304.8 (12.0)	4.68
3782-24-4	Yellow	609.6 (24.0)	5.56
3782-36-4	Yellow	914.4 (36.0)	5.56
3782-48-4	Yellow	1219.2 (48.0)	5.56
3782-60-4	Yellow	1524.0 (60.0)	5.56
3782-12-5	Green	304.8 (12.0)	4.68
3782-24-5	Green	609.6 (24.0)	5.56
3782-36-5	Green	914.4 (36.0)	5.56
3782-48-5	Green	1219.2 (48.0)	5.56
3782-60-5	Green	1524.0 (60.0)	5.56
3782-12-6	Blue	304.8 (12.0)	4.68
3782-24-6	Blue	609.6 (24.0)	5.56
3782-36-6	Blue	914.4 (36.0)	5.56
3782-48-6	Blue	1219.2 (48.0)	5.56
3782-60-6	Blue	1524.0 (60.0)	5.56
3782-12-7	Violet	304.8 (12.0)	4.68
3782-24-7	Violet	609.6 (24.0)	5.56
3782-36-7	Violet	914.4 (36.0)	5.56
3782-48-7	Violet	1219.2 (48.0)	5.56
3782-60-7	Violet	1524.0 (60.0)	5.56
3782-12-8	Grey	304.8 (12.0)	4.68
3782-24-8	Grey	609.6 (24.0)	5.56
3782-36-8	Grey	914.4 (36.0)	5.56
3782-48-8	Grey	1219.2 (48.0)	5.56
3782-60-8	Grey	1524.0 (60.0)	5.56
3782-12-9	White	304.8 (12.0)	4.68
3782-24-9	White	609.6 (24.0)	5.56
3782-36-9	White	914.4 (36.0)	5.56
3782-48-9	White	1219.2 (48.0)	5.56
3782-60-9	White	1524.0 (60.0)	5.56



### MULTI-STACKING BANANA PLUG TO MICROGRABBER® TEST CLIP

Hook attaches to components up to .040 O.D. 20 AWG Wire, .087 O.D. **RATING:** 150V, 3 Amps. +55°C (+131°F) Max.

Cat. No.	Colour	Length	Net Price
5053-12-0	Black	12"	\$7.38
5053-24-0	Black	24"	7.38
5053-36-0	Black	36"	7.38
5053-48-0	Black	48"	7.77
5053-60-0	Black	60"	7.77
5053-12-2	Red	12"	7.38
5053-24-2	Red	24"	7.38
5053-36-2	Red	36"	7.38
5053-48-2	Red	48"	7.77
5053-60-2	Red	60"	7.77



### MULTI-STACKING BANANA PLUG TO ALLIGATOR TEST CLIP

Jaws open to .300. 18 AWG Wire, .144 O.D. **RATING:** 150V, 5 Amps. +50°C (+122°F) Max.

Cat. No.	Length	Net Price
1166-8-*	8"	\$5.61
1166-12-*	12"	6.94
1166-24-*	24"	6.94
1166-36-*	36"	6.94
1166-48-*	48"	6.94
1166-60-*	60"	7.51

\*Specify colour by using the suffix 0 = Black, 1 = Brown, 2 = Red, 3 = Orange, 4 = Yellow, 5 = Green, 6 = Blue, 7 = Violet, 8 = Grey, 9 = White.



### MULTI-STACKING BANANA PLUG TO SMD GRABBER® TEST CLIP

Pincer opens to .040. 22 AWG Wire, .064 O.D. **RATING:** 150V, 0.5 Amps. +55°C (+131°F) Max.

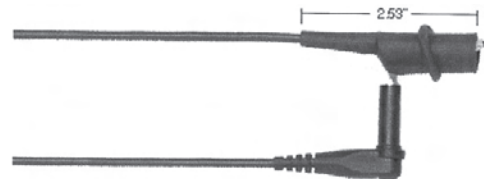
Cat. No.	Colour	Length	Net Price
5302-12-0	Black	12"	\$8.13
5302-24-0	Black	24"	8.13
5302-36-0	Black	36"	8.13
5302-12-2	Red	12"	7.51
5302-24-2	Red	24"	8.13
5302-36-2	Red	36"	8.13

### STACKING STANDARD BANANA PLUG EACH END

Multiple stacking feature accommodates the most complex stacking; keeps circuitry neater. Greatly simplifies circuit connections and changes. Reliable solderbonded connections withstand pull test in excess of 50 lbs. **BOTH ENDS:** Stacking Banana Plug. Brass body; beryllium copper spring. Insulation: Polypropylene. **WIRE:** 18 AWG, 65 x 36 t.c., PVC insulated, 3.66mm (.144) O.D. **RATING:** 5000 WVDC; 15 amps; +55°C (+131°F) max. **FINISH:** Nickel plated.



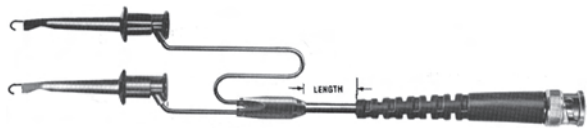
Cat. No.	Colour	Length	Net Price
5053-12-0	Black	12"	\$7.38
5053-24-0	Black	24"	7.38
5053-36-0	Black	36"	7.38
5053-48-0	Black	48"	7.77
5053-60-0	Black	60"	7.77
5053-12-2	Red	12"	7.38
5053-24-2	Red	24"	7.38
5053-36-2	Red	36"	7.38
5053-48-2	Red	48"	7.77
5053-60-2	Red	60"	7.77
B-8-0	Black	203.2 (8.0)	\$5.08
B-12-0	Black	304.8 (12.0)	5.08
B-24-0	Black	609.6 (24.0)	5.08
B-36-0	Black	914.4 (36.0)	5.08
B-48-0	Black	1219.2 (48.0)	5.60
B-8-1	Brown	203.2 (8.0)	5.08
B-12-1	Brown	304.8 (12.0)	5.08
B-24-1	Brown	609.6 (24.0)	5.08
B-36-1	Brown	914.4 (36.0)	5.08
B-48-1	Brown	1219.2 (48.0)	5.60
B-8-2	Red	203.2 (8.0)	5.08
B-12-2	Red	304.8 (12.0)	5.08
B-24-2	Red	609.6 (24.0)	5.08
B-36-2	Red	914.4 (36.0)	5.08
B-48-2	Red	1219.2 (48.0)	5.60
B-8-3	Orange	203.2 (8.0)	5.08
B-12-3	Orange	304.8 (12.0)	5.08
B-24-3	Orange	609.6 (24.0)	5.08
B-36-3	Orange	914.4 (36.0)	5.08
B-48-3	Orange	1219.2 (48.0)	5.60
B-8-4	Yellow	203.2 (8.0)	5.08
B-12-4	Yellow	304.8 (12.0)	5.08
B-24-4	Yellow	609.6 (24.0)	5.08
B-36-4	Yellow	914.4 (36.0)	5.08
B-48-4	Yellow	1219.2 (48.0)	5.60
B-8-5	Green	203.2 (8.0)	5.08
B-12-5	Green	304.8 (12.0)	5.08
B-24-5	Green	609.6 (24.0)	5.08
B-36-5	Green	914.4 (36.0)	5.08
B-48-5	Green	1219.2 (48.0)	5.60
B-8-6	Blue	203.2 (8.0)	5.08
B-12-6	Blue	304.8 (12.0)	5.08
B-24-6	Blue	609.6 (24.0)	5.08
B-36-6	Blue	914.4 (36.0)	5.08
B-48-6	Blue	1219.2 (48.0)	5.60
B-8-7	Violet	203.2 (8.0)	5.08
B-12-7	Violet	304.8 (12.0)	5.08
B-24-7	Violet	609.6 (24.0)	5.08
B-36-7	Violet	914.4 (36.0)	5.08
B-48-7	Violet	1219.2 (48.0)	5.60
B-8-8	Grey	203.2 (8.0)	5.08
B-12-8	Grey	304.8 (12.0)	5.08
B-24-8	Grey	609.6 (24.0)	5.08
B-36-8	Grey	914.4 (36.0)	5.08
B-48-8	Grey	1219.2 (48.0)	5.60
B-8-9	White	203.2 (8.0)	5.08
B-12-9	White	304.8 (12.0)	5.08
B-24-9	White	609.6 (24.0)	5.08
B-36-9	White	914.4 (36.0)	5.08
B-48-9	White	1219.2 (48.0)	5.60



### BOOTED ALLIGATOR CLIP TO RIGHT ANGLE SHEATHED BANANA PLUG

**FEATURES:** Ideal for making a temporary connection between a digital multi-meter and electrical circuits. Complies with International Safety Standard IEC 1010-2-031. Standard wire length, 48" (1.2m). **MATERIAL:** Alligator Clip: Body: Nickel plated steel. Boot: Santoprene rubber. Wire: Silicone insulated, 18 AWG. Banana Plug: Spring: Beryllium copper, nickel plated. Body: Brass, Nickel plated. Insulation: Polypropylene. **RATING:** 1000 V, 10 Amps, -25 to 80°C (-13 to 176°F).

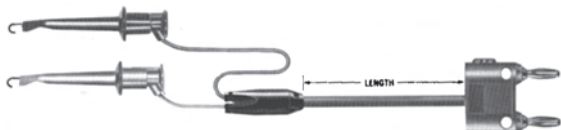
Cat. No.	Description	Net Price
6489A-48-0	Black	\$7.88
6489A-48-2	Red	7.88



### MINIGRABBER TEST CLIPS TO BNC MALE

**1ST END:** Minigrabber Test Clips. Contacts, beryllium copper, gold plated. Insulation, glass filled nylon. One black and one red. **CABLE:** Shielded coax., RG58C/U, 4.95 (.195) O.D. or RG174/U 2.54 (.100) O.D. Y-Mold insulation, PVC, black. **2ND END:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contacts, brass, gold plated. Nominal Impedance: 50 ohms. Boot, PVC, black. **RATING:** 500 VRMS max., +50°C. (+122°F) max.

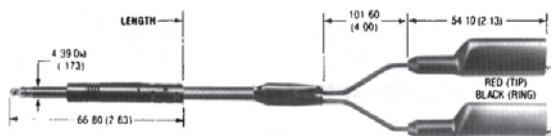
Cat. No.	Length	Net Price
5187-C-36	914.4 (36.0)	\$19.75



### MINIGRABBER TEST CLIPS TO DOUBLE BANANA PLUG

**1ST END:** Minigrabber Test Clips. Contact, beryllium copper, gold plated. Insulation, glass filled nylon. One black and one red. **CABLE:** RG58C/U, 4.9 (.195) O.D. Y-Mold insulation, PVC, black. **2ND END:** Double Banana Plug. Brass body, beryllium copper spring, nickel plated. Insulation, polyethylene, black. **RATING:** 1400 VRMS, +50°C. (+122°F) max.

Cat. No.	Length	Net Price
3786-C-36	914.4 (36.0)	\$18.69



### BANTAM PHONE PLUG TO ALLIGATOR CLIPS

**1ST END:** Miniature 3 Cond. Phone Plug. Insulation: PVC, black. Sleeve, no connection. **CABLE:** Two conductor, shielded stranded copper, 26 AWG, 4.57mm (.180) O.D. Y-Mold insulation: PVC, gray. **2ND END:** Alligator clips. Steel, nickel plated. Vinyl boots, one black and one red. **RATING:** 150V Peak, +50°C. (+122°F) max.

Cat. No.	Length	Net Price
5026-36	914.4 (36.0)	\$37.46
5026-60	1524.0 (60.0)	39.44
5026-84	2133.6 (84.0)	42.86

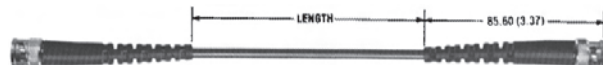


### BANTAM PLUG PATCH CABLE, TWO CONDUCTOR WITH SHIELD

**CABLE TYPE:** 2 Conductor Shielded Twisted Pair, .180" O.D. **RATING:** 300 VRMS, +50°C (+122—F) Max.

Cat. No.	Length	Net Price
<b>BRASS, UNPLATED</b>		
4279-12	12"	\$32.80
4279-24	24"	32.80
4279-36	36"	32.80
4279-48	48"	34.97
4279-60	60"	34.97

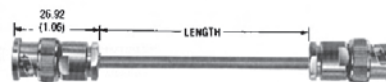
Cat. No.	Length	Net Price
<b>BRASS, NICKEL PLATED</b>		
4279N-12	12"	36.09
4279N-24	24"	36.09
4279N-36	36"	36.09
4279N-48	48"	38.45
4279N-60	60"	38.45



### BNC MALE EACH END

Stress-relieved/weatherproof cable assembly. **BOTH ENDS:** Crimp BNC Male. Brass body, tarnish resistant plated. Center contact, brass, gold plated. Impedance: 50 Ohms. Boot: PVC Black. **RATING:** Operating voltage: 500 VRMS max., +50°C. (+122°F) max. **CABLE:** RG58C/U coaxial cable, 4.95mm (.195) O.D., RG59B/U coaxial cable, 6.15mm (.242) O.D.

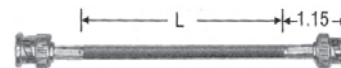
Cat. No.	Length	Net Price
<b>RG58C/U, 50 OHMS</b>		
2249-C-12	304.8 (12.0)	\$16.06
2249-C-24	609.6 (24.0)	16.06
2249-C-36	914.4 (36.0)	16.06
2249-C-48	1219.2 (48.0)	20.09
2249-C-60	1524.0 (60.0)	20.09
2249-C-72	1828.8 (72.0)	20.09
2249-C-120	3048.0 (120.0)	24.10
2249-C-180	4572.0 (180.0)	28.98
<b>RG59B/U, 75 OHMS</b>		
2249-E-60	1524.0 (60.0)	20.15
2249-E-72	1828.8 (72.0)	20.15



### BNC MALE EACH END

**BOTH ENDS:** BNC Male. Brass body, tarnish resistant plated. Center contacts, brass, gold plated. **CABLE:** Shielded mic. 4.95mm (.195) O.D. **RATING:** Operating voltage: 500 VRMS max; +80°C. (+176°F) max. **IMPEDANCE:** 50 ohms.

Cat. No.	Length	Net Price
<b>RG58C/U</b>		
BNC-C-18	457.2 (18.0)	\$18.43
BNC-C-24	609.6 (24.0)	18.43
BNC-C-30	762.0 (30.0)	37.44
BNC-C-36	914.4 (36.0)	18.43
BNC-C-48	1219.2 (48.0)	20.87
BNC-C-60	1524.0 (60.0)	20.87



### BNC MALE 50 OHM CABLE

**CABLE TYPE:** 50Ω, RG58 type .195" O.D. **RATING:** 500 VRMS, +80°C (+176°F) Max. **BNC: BODY:** Brass, Tarnish Resistant Plating. **DIELECTRIC:** PTFE. **CENTRE CONTACT:** Gold Plated Brass.

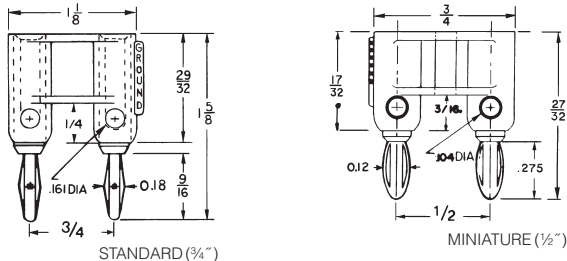
Cat. No.	Length	Net Price
5697-6	6"	\$8.63
5697-12	12"	8.63
5697-24	24"	8.63
5697-36	36"	8.63
5697-48	48"	12.52
5697-60	60"	12.52
5697-72	72"	12.52
5697-120	120"	15.15
5697-144	144"	16.46
5697-180	180"	18.43
5697-240	240"	21.72



### BNC MALE WITH MOLDED STRAIN RELIEF TO MULTI-STACKING DOUBLE BANANA PLUG

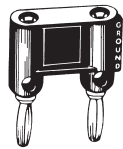
**CABLE TYPE:** RG58C/U, .195" O.D. **RATING:** 500 VRMS, +50°C (+122°F) Max. Double Banana Plug is molded directly onto cable. **BNC: BODY:** Brass, Tarnish Resistant Plating. **DIELECTRIC:** PTFE. **CENTRE CONTACT:** Gold Plated Brass. **STRAIN RELIEF:** PVC molded directly to cable and contacts.

Cat. No.	Length	Net Price
4530-C-18	18"	\$18.31
4530-C-24	24"	18.31
4530-C-36	36"	18.31
4530-C-48	48"	20.28
4530-C-60	60"	20.28



## DUAL INSTRUMENT TEST ADAPTERS

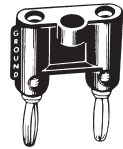
**BODY:** Molded Butyrate, per Fed. Spec. L-P349A, Type 3, Class MS, Colour as specified. **SPRING:** Four-leaved beryllium copper, Nickel-plated. **TERMINAL:** Bright, tin plate. **CURRENT:** 15 Amps AC (Standard); 5 Amps (Miniature) for 10°C Temp. Rise, continuous duty, except where limited by co-axial connectors. **VOLTAGE:** 5KV (standard), 2KV (Miniature), 60 cycle AC continuous working voltage except where limited by co-axial connectors. **CAPACITY:** 1.0 pf (Standard) nominal between 3/4" space conductors; 3.0 pf (Miniature) nominal between 1/2" space conductors. **RESISTANCE:** 1 milliohm or less per conductor.



## MOLDED-IN SHORTING TYPE BANANA PLUG

**REAR:** Dual banana jacks on 3/4" centers for stacking. **INTERNAL:** Busbar shorted across line. **FRONT:** Dual banana plugs on 3/4" centers. Banana jack holes for side stacking. **COLORS:** Available in Red and Black.

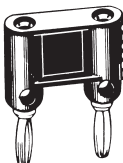
Cat. No.	Colour	Net Price
1516-102	Red	\$11.20
1516-103	Black	11.20



## SET-SCREW TYPE

**REAR:** 7/32 Dia. cable guide. Dual banana jacks on 3/4" centers. **FRONT:** Dual banana plugs on 3/4" centers. Set-screws secure leads to conductors. **COLORS:** Available in Red and Black.

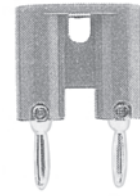
Cat. No.	Colour	Net Price
1675-102	Red	\$11.47
1675-103	Black	11.47



## DUAL PHONE-TIP TO DUAL BANANA PLUGS

**REAR:** Dual .080" phone tip jacks on 3/4" centers. **FRONT:** Dual banana plugs on 3/4" centers. Banana jack holes for side stacking.

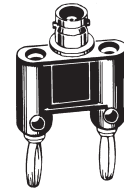
Cat. No.	Description	Net Price
1679	Blackbody	\$9.99



## DUAL INSTRUMENT TEST ADAPTERS CABLE MOUNTED TYPE

**REAR:** Dual banana jacks on 3/4" centers for stacking. **FRONT:** Dual banana plugs. **TYPE:** Cable mount. **FEATURES:** Ground polarity indicator. Wire held with internal screw.

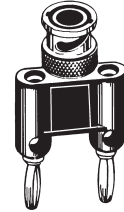
Cat. No.	Colour	Net Price
210-102	Red	\$7.01
210-103	Black	7.01



## COAXIAL CONNECTOR ADAPTERS BNC FEMALE TO BANANA PLUGS

**REAR:** BNC series co-axial jack. **FRONT:** Dual banana plugs on 3/4" centers. Banana jack holes for side stacking.

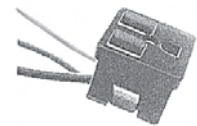
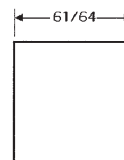
Cat. No.	Description	Net Price
1686	Blackbody	\$22.46



## BNC MALE TO BANANA PLUGS

**REAR:** BNC series co-axial plug. **FRONT:** Dual banana plugs on 3/4" centers. Banana jack holes for side stacking.

Cat. No.	Description	Net Price
1687	Blackbody	\$32.57



## OUTLETS AND SOCKETS

Power outlets for use on a variety of small appliances and electronic equipment. All are black general purpose phenolic, except PN1280, which is available in white (-101 white, -103 black). **MATERIALS:** Spring clips—steel. Terminals—copper alloy tin-plated. Ratings: 15 amps, 125 volts AC. UL and CSA approved. **MOUNTING:** Spring clip snap-in to cutout.

Cat. No.	Terminal Type	Polarized	Net Price
1280-101	6" Wire Leads Crm Ground #16	Yes W/Gnd socket	\$7.15
1280-103	Blk & Wht #14 Stripped 1/2"		7.15