

Audio/Video/Broadcast

Whether setting up your own home theater or looking for connectors for that next broadcast event, Pomona audio/video/broadcast accessories get you connected reliably. From F connectors to phono jacks, look to Pomona for parts you can depend on.

Pomona
ELECTRONICS

79

High Definition 75 BNC Connectors



Model#	For Cable
6702A	RG59B/U, 20 AWG, Belden 1505A
6703A	RG6B/U, 18 AWG, Belden 1694A
6704A	RG59B/U, 23 AWG

Precision matched to Belden cable for digital and analog SDI/HDTV signals.

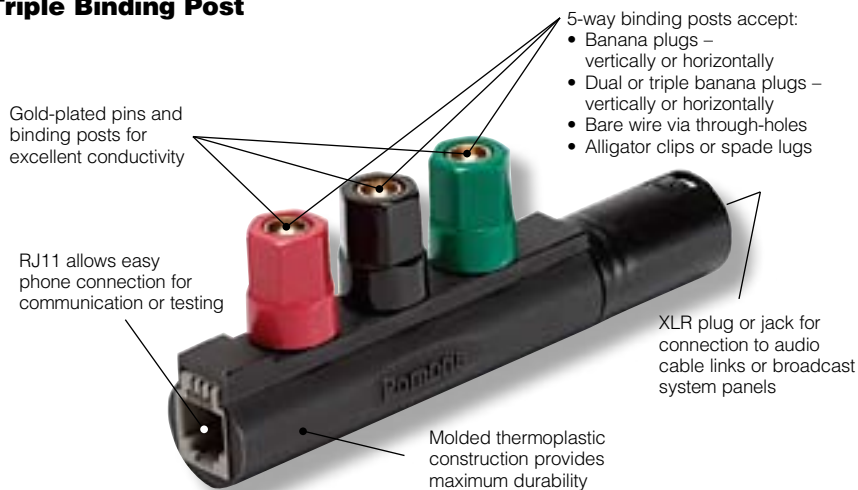
Performance: 3 GHz with VSWR of 1.15

Impedance: 75Ω.

BNC: Shell: precision machined tarnish resistant black nickel-plated brass; **Center Contact:** male: gold-plated brass (20 micro inches).

Dielectric: PTFE.

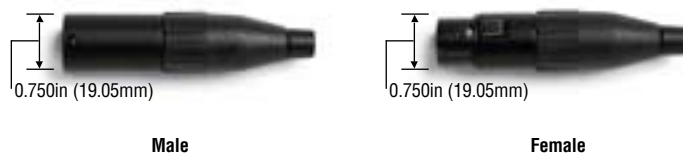
XLR Triple Binding Post



Model#	Type	RJ11
7288	(m)	•
7289	(f)	•
7286	(m)	-
7287	(f)	-

Adapter makes it easy to split out the signals from the three XLR audio conductors for access via 5-way binding posts. RJ11 jack also simplifies connection to phone for ring down tests of audio lines or for phone communications across audio cables. Includes three color-coded 5-way binding posts for high, low, and ground terminals. Cables can be connected to rugged binding posts via banana plug, spade lug, alligator clip, or simply fed into the through-hole or wrapped around the post.

XLR Straight Cable Connectors - Rugged



Model#	Type	Pins	Shell	IDC	Lbs of Pull
5110	(m)	3	Nickel		100
7273	(m)	3	Nickel	•	100
7274	(f)	3	Nickel	•	100
7275	(m)	3	Black Nickel	•	100
7276	(f)	3	Black Nickel	•	100

Passes the 100 pound stress test.

When connection failure is simply not an option, depend on Pomona XLR connectors. The patented XLR cable retention system can withstand up to 100 pounds (45.35 kg) of pull and up to 50,000 bends under stress. By securely capturing the cable, our system relieves strain from the solder joints between the cable and the connector, protecting your connections from workplace abuse. Silver plated contacts.

XLR Straight Cable Connectors — General Duty


5125A



5126A

Model#	Type	Pins	Shell	Contacts	Lbs of Pull
5125A	(f)	5	Nickel	Silver	45
5126A	(m)	5	Nickel	Silver	45
6850	(f)	3	Black Nickel	Gold	45
6851	(m)	3	Black Nickel	Gold	45
7093	(m)	4	Nickel	Silver	45
7094	(f)	4	Nickel	Silver	45
7283	(f)	3	Nickel	Silver	45
7284	(m)	3	Nickel	Silver	45

Streamlined profile with compact shell. Time saving assembly (3 parts). No set screws. Solderable.

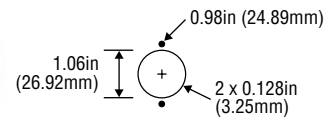
XLR Plug to XLR Jack Low Noise Cable Assembly


Model#	Length
6869-180	4.6 m (15 ft)
6869-300	7.6 m (25 ft)

Low noise audio cable includes a 3-pin XLR male connector and a 3 contact XLR female connector.

Pull: 45.35 kg (100 lbs).

Material: *Shell:* tarnish resistant black nickel-plated brass; *Center Contact:* gold-plated brass.

Wall/Floor Mount Male XLR Receptacle


Model#	Pins
5117A	3

XLR/RCA Adapters


7269



7270



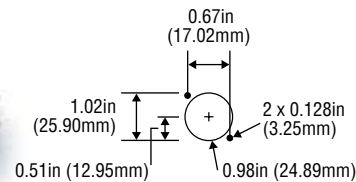
7271



7272

Model#	Type
7269	XLR (f)/RCA (m)
7270	XLR (m)/RCA (m)
7271	XLR (f)/RCA (f)
7272	XLR (m)/RCA (f)

Audio adapters offer 3 contact XLR to RCA (phono) conversion. Body is die cast zinc alloy with tarnish resistant nickel plating. Contacts are nickel-plated brass.

Wall/Floor Mount Female XLR Receptacle


Model#	Sockets
5113A	3

XLR Adapters


6856



6857

Model#	Type
6856	XLR (F)/XLR (F)
6857	XLR (M)/XLR (M)

Body is die cast zinc alloy with tarnish resistant nickel plating. Male pin contacts are nickel-plated brass. Female contacts are nickel-plated beryllium copper.

XLR Female 3-Pin Square Flanged Panel Receptacle, Horizontal PC Board


7111

3-pin XLR square panel mount receptacle for horizontal PC board mounting. Sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant black nickel plating. Solder cup terminations. Front mountable.

XLR to 1/4 in Adapters


6863



6864

Model#	Type
6863	XLR (F) / 1/4 in Plug (stereo)
6864	XLR (M)/1/4 in Plug (stereo)

Adapters offers 3 contact XLR to 1/4 inch conversion. Sleek light weight design. XLR body is die cast zinc alloy with tarnish resistant nickel-plating. 1/4 inch plugs are nickel-plated machined brass. XLR contacts are nickel-plated brass.

XLR (F) 3-Pin Square Flanged Panel Receptacle


7115

3-pin XLR square panel mount female receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant black nickel plating and gold plated contacts. Solder cup terminations. Front mountable.

XLR Female Panel Receptacle, 3-Pin

5113A

3-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

**XLR Male Panel Receptacle, 3-Pin**

5117A

3-pin XLR rectangular panel mount male receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

**XLR Female Panel Receptacle, 5-Pin**

6854

5-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

**XLR (M) Panel Receptacle, 5-Pin**

6855

5-pin XLR rectangular panel mount male receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

**XLR Female, 4-Pin, Rectangular Flanged Panel Mount**

7107

4-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant nickel plating. Solder cup terminations. Front mountable.

**XLR Female 3-Pin, Rectangular Flanged Panel Mount**

7108

3-pin XLR rectangular panel mount receptacle with sturdy all metal one piece design. Housing is die-cast zinc alloy with tarnish resistant black nickel plating. Solder cup terminations. Front mountable.

**BNC Female to Phono (RCA) Male**

Model# 5319

Rating: Maximum voltage for *hands free use*: 500 Vrms, 216°F (+102°C) max.

BNC: Center Contact: gold-plated.

1.28in
(32.5mm)

**BNC Male to Phono Jack**

Model# 4054

Rating: Maximum voltage for *hands free use*: 500 Vrms, +257°F (+125°C) max.

1.40in
(35.56mm)

**BNC Female to 1/4in (6.35mm) Phone Plug**

Model# 1297

Rating: Maximum voltage for *hands free use*: 500 Vrms, +257°F (+125°C) max.

Convert 2 conductor audio jacks to BNC.

**BNC Female to Two Conductor, 0.14in (3.5mm) Dia. Mini Phone Plug**

Model# 3837

Rating: Maximum voltage for *hands free use*: 500 Vrms, +257°F (+125°C) max.

Convert 2 conductor audio jacks to BNC.

**1/4 in, Panel Mount Phone Jacks**

Model# Type

7156 2-conductor

7157 3-conductor



7156

7157

Designed for insulated panel mount with low internal contact resistance. Body is diecast zinc alloy with tarnish resistant nickel plating. Hardware includes one copper alloy nickel-plated hex nut, and one steel nickel-plated washer.

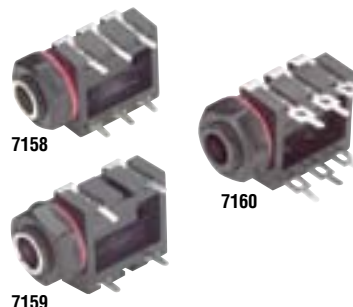
1/4 in, PC Board Mount Phone Jacks

Model# Type

7158 PC board mount, 3-conductor

7159 PC board mount, 2-conductor

7160 PC board mount, 3-conductor



7158

7160

7159

PC board mounts for connection with standard commercial phone plugs. Solderable with nickel silver contacts.

**Right-Angle and Straight
1/4 in. Standard Phone Plugs**


6874



7152

Model#	Description	Shell	Contacts	Lbs of Pull
6873	1/4 in. Phone Plug, 2 Pole	Black Nickel	Gold	45
6874	1/4 in. Phone Plug, 3 Pole	Black Nickel	Gold	45
7142	Straight 3-Conductor Balanced 1/4 in. Std. Phone Plug (Stereo)	Nickel	Nickel	45
7150	Shielded 2-Conductor 1/4 in. Phone Plug, Long Handle	Nickel	Nickel	45
7151	Right-Angle 2-Conductor 1/4 in. Plug (Mono)	Nickel	Nickel	45
7152	Shielded 3-Conductor Balanced 1/4 in. Phone Plug (Stereo)	Nickel	Nickel	45

**BNC Male to 1/4in (6.35mm)
Two Conductor Phone Jack**

2.86in (72.64mm)


Model# 4043

Rating: Maximum voltage for *hands free use*: 500 Vrms, +257°F (+125°C) max.

Convert 2 conductor phone plugs to BNC.

1/4 in Plug/RCA Jack

6878

Two pole mono-to-mono adapters in easy-to-use configurations. Contacts are nickel-plated brass.

**F Female to
Female
Bulkhead
Receptacle**

 0.80in
(20.4mm)

Model# 6706

In line, with nut and washer

Material: Machined, nickel-plated brass.

RCA (phono) Jack

6880

Sleek silver and gold compact design. Handles up to 6.0 mm (0.24 in) O.D. cable. Body is made of die cast zinc alloy with tarnish resistant nickel-plating. Contacts are gold-plated brass.

F Within Series Adapters

 1.0in
(25.4mm)


6712

 0.92in
(23.3mm)


6713

Model#
Type

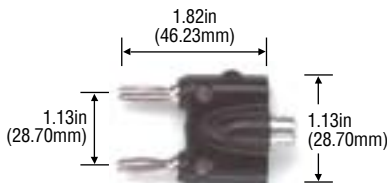
6712	F (m/f) Right angle
6713	F (m/f) In line, Push-on
6800	F (m/f) Right angle

Material: Machined, nickel-plated brass

RCA (phono) Plug

6881

Sleek silver and gold compact design. Handles up to 6.0 mm (0.24 in) O.D. cable. Body is made of die cast zinc alloy with tarnish resistant nickel-plating. Contacts are gold-plated brass.

**Phono Jack to Double
Stacking Banana Plug**

Model# 1442

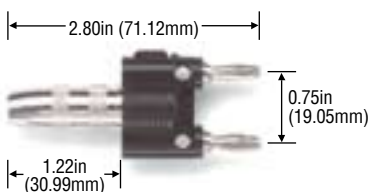
Rating: Maximum voltage for *hands free use*: 500 Vdc, +122°F (+50°C) max.

Permits phono plug to be used with equipment having standard banana jacks or binding posts.

**RCA (phono) Adapter
(F/M/F)**

6882

One plug and two jack configuration with compact design. Contacts are gold-plated brass for low contact resistance.

**1/4in (6.35mm) Phone
Jack to Double Stacking
Banana Plug**

Model# 4044

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

2 conductor 0.25in (6.35mm) dia. phone jack.

1/4 in Jack/RCA Plug

6879

Two pole mono-to-mono adapters in easy-to-use configurations. Contacts are nickel-plated brass.