

# CALRAD

## 30 Series - Connectors



**30-395** Open Circuit.  
**30-396** 1/4" Audio Jack. Closed Circuit 2-Conductor. 3/8" bushing. Mounts in .355" hole.



**30-397** 1/4" Audio Jack. Open Circuit 3-Conductor. 3/8" bushing. Mounts in .355" hole.



**30-398** 1/4" Audio Jack. 3-Circuit, 2 Closed. 3/8" bushing. Mounts in .355" hole.



**30-399** 1/4" Audio Jack. 3-Circuit, 3 Closed. 3/8" bushing. Mounts in .355" hole.



**30-400** Stereo  
**30-411** Mono 3 Circuit 1/4" Open, Mono or Stereo Audio Jack. .35" x .29" bushing. .36" hole size, will work with standard .375" hole.



**30-412** Closed Circuit 1/4" Mono Audio Jack. .35" x .29" bushing. .36" hole size, will work with standard .375" hole.



**30-385** Stereo 1/4" Audio Jack. with DPDT normally closed and normally open circuits.



**30-394** Stereo 1/4" Audio Jack. One Closed Circuit. .355" hole size.



**30-366** PC Mount RCA Audio Jack. Closed Circuit. PCB footprint available upon request.



**30-424** RCA Audio Jack. Locking nut fits on front of panel. Shallow mounting depth. Mounts in 3/8" hole. Bushing length .26"



**30-425-BK** Black  
**30-425-RD** Red RCA-type mini Audio Jack with hex nut grip, hex nut and solder lug. Single hole mount. 1/4" hole. 9mm hex base. Bushing length .27".



**30-428-COLOR** Nickel  
**30-428G-COLOR** Gold Nickel plated RCA Audio Jack with hex nut and solder lug. Single hole mount. 1/4" hole. Bushing length .25" Available with black, blue, green, red, white and yellow inserts.

PLEASE NOTE COLOR ABBREVIATIONS WHEN ORDERING:  
BLACK.....BK BLUE.....BU GREEN.....GN  
ORANGE.....OR RED.....RD WHITE.....WH YELLOW.....YL



**30-365** PC Mount 2.5 mm mono miniature circuit Audio Jack. Closed circuit. PCB footprint available upon request.



**30-410-3/8-COLOR** NICKEL  
**30-410G-3/8-COLOR** GOLD  
Mounts in 3/8" hole. Bushing length .39" Overall length is 1.14".

**3/8" and 1/2" RCA to RCA FEEDTHRU JACKS FOR AUDIO & VIDEO PANELS**

Available in black, blue, green, orange, red, white and yellow inserts. Please specify color when ordering



**30-410-COLOR** NICKEL  
**30-410G-COLOR** GOLD  
Mounts in 1/2" hole. Bushing length .29" Overall length 1.3"

**30-288-COLOR 1/2" COLORED PLASTIC WASHERS**

Colored plastic washers for bulkhead 1/2" connectors. Comes 2 per each color when packaged for display. Also available in bulk  
**30-288-COLOR-B**



Available in black, blue, green, orange, red, white and yellow



**RIGHT ANGLE, PC MOUNT RCA AUDIO JACKS Non Threaded Versions**  
**30-367** gold, black insert  
**30-367-NK** nickel, black insert  
Bushing length .1 Non-Threaded  
**Threaded Versions**  
**30-367-T** nickel, black  
**30-367G-T-COLOR**  
Only the threaded gold model available with black, blue, green, red, white or yellow inserts. Specify color when ordering. PCB footprint available upon request.



**30-300-COLOR** RCA chassis mount Audio Jack. Gold plated with teflon insulator mount. Fits 5/16" hole. Bushing length .43" Available with black, red, white and yellow inserts. Please specify color when ordering.



**30-368-COLOR** PC mount Audio RCA Jack.  
**30-368G-COLOR** Gold version. Available with black, red or white or insert. Please specify color when ordering. PCB footprint available upon request.



**30-295** Nickel  
**30-295G** Gold 3.5mm stereo female to female bulk head feed-thru Audio or infrared signal Jack. Mounts in 1/2" or 3/8" hole. Overall length 1.43". Available in gold or nickel  
**30-295-1/2** 1/2" Nickel Version



**30-364** PC mount 3.5mm mono miniature Audio Jack. Normally closed circuit. PCB footprint available upon request.

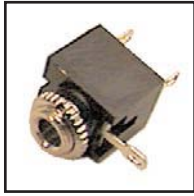


**30-422** 3.5 mm miniature closed circuit mono Audio Jack mounts in 1/4" hole, in panels up to 1/8" thick. Nickel plated. Bushing length .17".

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Technical drawings and specifications are available for these connectors. Please ask your Calrad sales representative for details.



**30-477**

3.5mm mini stereo Audio Jack. Black PVC plastic construction, perfect for mounting in tight places. Size: .33"(L) x .35"(W) x .23"(H) with solderable leads. Bushing length .135". Mounts in a .25" hole.



**30-478**

Mono 2.5 mm sub-mini closed or open circuit Audio Jack, mounts in panels up to 1/16" thick. Comes with nut and washer. Bushing length .149".



**30-491**

Mini 3 circuit stereo Audio Jack. 3.5 mm open circuit, PC-type.



**30-493A, 3.5mm**

**30-494A, 2.5mm**  
Mini or submini stereo Audio Jack. Panel mount. Mounts in 1/4" hole. Bushing length .165".

**New Item**

**3.5mm VERSION**

**30-710** 2 conductor

**30-711** 3 conductor

**30-712** 4 conductor

**2.5mm VERSION**

**30-713** 2 conductor

**30-714** 3 conductor

**30-715** 4 conductor

Non-Conductive Housing



3.5mm or 2.5mm snap-in chassis mount Audio Jack. Nickel plated connector with black molded trim. Isolated from ground, requires no hardware, solder style terminals. Mounts in .375" hole up to .07" panel thickness.



**30-297**

Locking inline 3.5mm female stereo Audio Jack. Black chrome body. Mates to 30-296 locking plug.



**30-700A**

4 conductor 3.5mm chassis mount stereo Audio & Video Jack. Tip, ring 1, ring 2, sleeve. Mounts in .28" hole.



**30-413**

Slim 1/4" stereo inline Audio Jack. Mates w/ 30-401. .3" cable opening.



**30-420**

Same as 30-413 but with metal housing and strain relief. .26" cable opening.



**30-415-BK** Black

**30-415-RD** Red  
Slim inline 1/4" mono Audio Jack. Mates w/ 30-402 Black or red .5" dia. x 1 11/16" long. .3" cable opening.



**30-415M**

Same as 30-415 with metal housing. .31" cable opening.



**30-414** Mono

**30-417** Stereo  
Metal 3.5 mm mono inline female Audio Jack .16" cable opening with strain relief.



**30-487** Stereo

**30-487A** Mono  
**30-487G** Gold, Stereo  
Mini inline 3.5 mm mono or stereo Audio Jack, plastic handle w/strain relief. .19" cable opening.



**30-492**

Mini 3 circuit shielded stereo Audio Jack. 3.5 mm inline black metal finish and strain relief. .14" cable opening.



**30-319F**

Professional quality 3.5mm stereo inline Audio Jack with strain relief. .26" cable opening. Mates with Calrad male 3.5mm connector 30-319.



**30-705**

Inline female 4 conductor 3.5mm Audio & Video Jack. Tip, ring 1, ring 2, sleeve. Plastic shell with strain relief. Mates to 30-700A, 30-701, and 30-702 plugs.



**30-479**

2.5mm inline stereo Audio Jack with strain relief .13" cable opening.



**30-390** Male

**30-391** Female  
Shielded RCA inline Audio connectors, gold plated with strain relief. .2" cable opening.



**30-308**

Professional quality RCA Audio Plug with gold solid pin and nickel barrel. .24" cable opening.



**30-387** Gold

**30-387-NK** Nickel  
Heavy duty gold or nickel RCA Audio Plug for use on cable up to RG59 coax. Spring strain relief. .28" cable opening.



**New Item**

**CRIMP-ON VERSION**

**30-294-RG59**

For RG59

**30-294-RG6**

For RG6

**30-294-8218**

For Belden Style 8218

**30-294-1855A**

For Belden Style 1855A

75 Ohm RCA Video Plug in either crimp or solder assembly styles with a bandwidth up to 200Mhz. Gold plated center shaft, contact pin and outer contact. Finger grip body for easy insertion and removal. Extra long crimp barrel (crimp version) for 55 lbs. or more of pull torque.



**New Item**

**SOLDER VERSION**

**30-299-RG59**

For RG-59

**30-299-RG6**

For RG-6

**30-299-8218**

For Belden Style 8218

**30-299-1855A**

For Belden Style 1855A



**New Item**

**30-354-RG59**

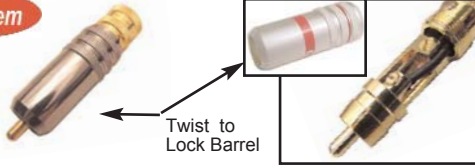
**30-354-RG6**

75ohm gold RCA Video Connector. Recessed barrel provides a low profile when inserted into a female jack. Solder center pin at base of connector, fold shield over PVC, a 2 piece twist type compression fitting is used to secure the shield to the connector. Available for RG-59 and RG-6.

## 30 Series - Pro Audio & Home Theater RCA Connectors

### LOCKING RCA PLUGS

New Item



**30-607-BK**  
**30-607-RD**

Locking RCA plug for up to 8 mm wire. Locking black chrome barrel comes with black or red color ID band. Teflon insulator. .35" cable opening.

**30-607S-COLOR**

Solderless locking RCA plug w/ screw terminals for up to 8 mm wire. Teflon insulator with .35" cable opening. Barrel comes with matte silver finish. Available with black, blue, green, red, white and yellow bands. Also available with black chrome barrel

### SOLDER AND SOLDERLESS LOCKING RCA PLUGS

Locking RCA Audio & Video Plugs offer secure connections for open environments where cables can be accidentally disconnected. Both are gold plated with barrel that screws down, compressing the contacts onto the jacks. Available in either solder or solderless models and both accept cable up to .35".



**30-289**  
for 6mm cable.  
.22" cable opening.  
**30-290**  
for 8mm cable  
.16" cable opening  
Gold plated 75 ohm  
RCA Audio & Video  
plug with black chrome  
barrel.

Available with the following colored ID bands. Please specify when ordering

Black.....BK  
Blue.....BU  
Green.....GN  
Red.....RD  
White.....WH  
Yellow.....YL



**30-291**  
for 2.8mm cable  
.12" cable opening.  
**30-292**  
for 4mm cable  
.16" cable opening.  
Gold plated 75 ohm  
RCA Audio & Video  
plug with black  
chrome barrel.



**30-287-COLOR**  
Rubber ID bands used to color code audio and video connectors.  
Available in black, blue, green, red, white and yellow. Please specify color when ordering. Can also be used with Calrad parts: 75-533 PS, 75-534-PS Series

New Item



**30-298-BK** Black  
**30-298-RD** Red  
**30-298-WH** White  
Barrels are silver matte with red and white colored ID bands

**30-298G-BK**  
**30-298G-RD**  
**30-298G-WH**  
All gold barrels with red, white or black painted ID colored bands

### GOLD PLATED SOLDERLESS RCA PLUG FOR 8MM CABLE.

High quality Audio & Video Plugs. Teflon insulation with slotted screws for ground and tip connections.

New Item



### 30-308K-S

New Solderless Keystone & Chassis Mount RCA Jack. Easily mountable RCA jack for either 1/2" chassis mount or keystone insert. Screw terminals provide for a clean solderless, connectorless backside termination. Terminals are marked for easy identification. Includes cable tie for strain relief. Colored plastic washer available for enhanced visual ID.



**30-303-COLOR**  
Gold plated RCA Audio & Video Plug for 5-7mm diameter wire. Nickel barrel with easy grip knurling. .29" cable opening.



**30-302-COLOR**  
Gold plated RCA Audio & Video Plug with teflon insulator for 6-8mm cable. Black chrome barrel with easy grip knurling. .35" cable opening.

Available with Black, Red, White and Yellow colored ID bands for easy identification. Please specify color when ordering.



**30-307**



**30-309**

### PRO QUALITY RCA PLUGS

These male and female pro quality Audio & Video Plugs provide high styled looks combined with superb craftsmanship and superior materials. They come with gold plated contacts and black chrome barrel with finger grip knurling. The 30-307 comes with a solid center pin. Spring strain relief accepts cable sizes up to .25".

New Item

### RCA PLUGS WITH GROUNDING CABLE CLAMP,

Gold plated RCA Audio & Video Plugs. When the barrel is tightened onto the body of the connector, 6 fingers secure the outer jacket of the cable to the connector.



**30-304-RD** Red  
**30-304-WH** White  
Solder version for 8mm cable



SOLDER VERSION

**30-293-COLOR**  
Solder version for 6mm cable  
Specify color: black, blue, green, red, white and yellow



SOLDERLESS VERSION

**30-293S-COLOR**  
Solderless version for 6mm cable. Specify color: black, blue, green, red, white and yellow

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New Item



**30-305** L= .95"  
Short Version  
Right angle RCA Audio & Video plug, heavy gold plating, teflon insulator, for 8mm cable, short version.

**30-306** L=1.3"  
Long Version.  
.37" cable opening



**30-388**  
Shielded, right angle RCA Audio & Video Plug. All nickel construction. Cable opening .28"



**30-427** Male  
**30-429** Female  
Shielded, nickel plated RCA-type inline Audio & Video plug, jack with cable clamp and strain relief .21" cable opening.



**30-350** Red  
**30-352** White  
Gold plated RCA Audio & Video Plug with color coded band, knurled barrel and strain relief .21" cable opening.



**30-351** Red  
**30-353** White  
Gold plated RCA Audio & Video inline jack with color coded band, knurled barrel and strain relief .21" cable opening.



**30-389**  
RCA Audio & Video male solderless connector with screw terminals, cable clamp and rubber boot. .24" cable opening.



**30-446** Red  
**30-447** Black  
RCA Audio Plugs with screw on plastic barrel & cable clamp. .18" cable opening.



**30-448** Red  
**30-449** Black  
RCA Audio Jack with screw on plastic barrel & cable clamp .18" cable opening.



**30-430**  
Insulated RCA Audio Plugs, built-in cable clamps. Easy slip-on plastic covers. Pkg'd 10 per pk. Two each black, blue, red, white and yellow Available in Bulk. .19" cable opening.  
**30-430-GN**  
Green available separately



**30-426** 2 Black 2 Red  
**30-426-BK** 2 Black  
**30-426-RD** 2 Red  
Insulated RCA Audio pin plugs. In black and red or separately .12" cable opening.



**30-384**  
Right angle RCA Audio Plug. Solderless connector with cable clamp. .19" cable opening.



**30-486**  
Molded RCA Video termination plug, gold plated. 75 Ohms.



**30-402-BK** Black  
**30-402-RD** Red  
1/4" MONO Audio Plug w/ solder terminals & cable clamp. No strain relief .28" cable opening.



**30-401-BK** Black  
**30-401-RD** Red  
1/4" STEREO Audio Plug with solder terminals & cable clamp. No Strain relief .28" cable opening.



**30-419** Nickel  
**30-419G** Gold  
1/4" mono Audio Plug. Large barrel heavy duty type. Accepts oversize gauge wire. .43" cable opening.



**30-405** Mono  
**30-405A** Stereo  
1/4" stereo or mono Audio Plug with thick walled barrel. 8mm hole for large gauge wire. .32" cable opening.



**30-621**  
1/4" mono solder type Audio Plug with strain relief. **specify color** See 30-622  
**30-621**  
Stereo version. .15" to .3" cable opening for both



**30-622-COLOR**  
Colored strain reliefs for 30-620 and 30-621. **Specify color when ordering.** Available in black, blue, green, orange, red and yellow



**30-537** Stereo  
**30-536** Mono  
1/4" Stereo or mono Audio plugs with screw terminals and spring strain relief. .25" cable opening.



**30-317** Stereo  
**30-316** Mono  
Professional quality 1/4" mono or stereo Audio Plugs with strain relief. .25" cable opening.



**30-404** Nickel  
**30-404G** Gold  
1/4" Mono Audio Plug with strain relief. .28" cable opening.



**30-418** Nickel  
**30-418G** Gold  
1/4" Stereo Audio Plug with strain relief. .27" cable opening.



**30-408A** Stereo  
**30-406** Mono  
Flat right-angle, shielded 1/4" 3 circuit stereo or mono Audio Plugs in metal case. Solder terminals. .29" cable opening.



**30-409** Stereo  
**30-407** Mono  
1/4" stereo or mono right angle Audio Plugs, black bakelite. .28" cable opening.

# CALRAD

## 30 Series - Connectors

Technical drawings and specifications are available for these connectors. Please ask your Calrad sales representative for details.



**30-416-BK** black  
**30-416-RD** red  
3.5 mm mono  
Audio Plug with  
solder terminals  
& cable clamp.  
.18" cable  
opening.



**30-484** stereo  
**30-421** mono  
3.5 mm stereo or  
mono Audio Plug,  
strain relief spring,  
solder type, with  
metal housing.  
.19" cable opening.



**30-376** mono  
**30-386** stereo  
3.5 mm right  
angle stereo or  
mono Audio  
Plugs. .15"  
cable opening.



**30-376-2.5** mono  
**30-386-2.5** stereo  
2.5mm mono and stereo  
right angle mini Audio  
Plugs. Solder terminals  
with snap-on black PVC  
plastic body. .15" cable  
opening.



**30-423A**  
2.5 mm sub-mini  
Audio Plug with  
plastic grip, 2 cond.  
Improved solder  
points.  $\frac{7}{16}$ " plug  
length.  
.15" cable opening.



**30-485** stereo  
**30-485A** mono  
2.5 mm stereo or  
mono Audio Plugs  
with strain relief and  
metal housing.  
.13" cable opening.



**30-488** stereo  
**30-488G** gold  
3.5 mm stereo mini  
Audio Plugs with  
plastic handle and  
molded strain relief.  
.16" cable opening.  
**30-488A**  
Mono Version.



**30-489**  
3.5 mm dia.,  
stereo Audio Plug  
with plastic handle.  
No Strain relief  
.21" cable opening.



**30-490**  
3.5 mm, shielded  
mini stereo Audio  
Plug, black metal  
finish with strain  
relief. Cable  
opening .14"



**30-318** mono  
**30-319** stereo  
Professional quality  
3.5mm mono or  
stereo Audio Plugs  
with strain relief.  
.25" cable opening.



**30-701** plastic  
**30-701A** all metal  
4 conductor 3.5mm  
Audio & Video  
Plug. Tip, ring 1,  
ring 2, sleeve, with  
strain relief. Cable  
opening .14"



**30-702**  
4 conductor  
3.5mm right  
angle Audio &  
Video Plug. Tip,  
ring 1, ring 2,  
sleeve. Cable  
opening .14"



**30-296**  
Gold plated  
locking inline  
3.5mm male  
stereo Audio Plug  
with black chrome  
body. Mates with  
**30-297** jack.



**30-370-2.5**  
2.5 mm pin,  
**30-370-2.1**  
2.1 mm pin,  
PC mount coax  
power jack,  
switched circuit.



**30-371**  
Coax power jack,  
standard chassis  
mount, 2.1mm pin.  
Switched circuit.  
17mm mount  
center.



**30-624-2.1**  
**30-624-2.5**  
Chassis mount  
locking DC power  
coax jack. Mates  
with **30-623** plug. Mounts  
in panels up to .07".  
Available in 2.1mm or  
2.5mm center pin I.D.



**30-623-2.1**  
**30-623-2.5**  
Locking DC power  
coax plug. Mates  
with **30-624** jack.  
Threaded locking  
style. Available in  
2.1mm or 2.5mm I.D.  
Cable opening .18"



**30-616-2.1**  
**30-616-2.5**  
Locking DC power  
coax jack with N/C  
switch on sleeve  
side of the  
connector. Insert **30-617**  
plug and twist  
clockwise to lock.



**30-617-2.1**  
**30-617-2.5**  
Locking DC power  
coax plug 5.5 O.D.,  
9.5mm long. Insert  
into **30-616** jack  
and twist clockwise  
to lock. Cable  
opening .14"



**30-355**  
Right angle coax  
power plug.  
1.3mm I.D.,  
3.5mm O.D. with  
solder terminals.  
.22" x .12" cable  
opening.



**30-356**  
Right angle coax  
power plug.  
2.1mm I.D.,  
5.5mm O.D. with  
solder terminals.  
.22" x .12" cable  
opening.



**30-357**  
Right angle coax  
power plug.  
2.5mm I.D.,  
5.5mm O.D. with  
solder terminals.  
.22" x .12" cable  
opening.



**30-337**  
Coax AC/DC power  
plug 2.35mm O.D.,  
.7mm I.D.  
.17" cable opening  
with strain relief.



**30-336**  
Coaxial  
power plug.  
1.0mm I.D.  
3.8mm O.D.  
.17" cable  
opening.

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**30-372**  
Coax power plug.  
1.3mm I.D.  
3.5mm O.D.  
9.5mm long.  
.15" cable opening.  
**30-372-P**  
With strain relief.  
.16" cable opening.



**30-373**  
Bakelite Barrel  
**30-373-P**  
With Strain Relief.  
Coax power plug.  
2.1 mm I.D. 5.5  
mm O.D. 9.5 mm  
long. .15" cable  
opening.



**30-373-14MM**  
2.1mm Version  
**30-374-14MM**  
2.5mm Version  
14mm connector  
shaft, plastic body  
with strain relief.  
.15" cable opening



**30-374**  
Bakelite Barrel  
**30-374-P**  
With Strain Relief.  
Coax power plug.  
2.5 mm I.D. 5.5 mm  
O.D. 9.5 mm long.  
.15" cable opening.



**30-635**  
Coax AC/DC power  
plug 4.75mm O.D.,  
1.7mm I.D. .17"  
cable opening  
**30-632**  
same as 30-635  
w/ O.D. of 4mm



**30-375**  
DC coax power  
plug. 3mm I.D.,  
6.3mm O.D.,  
9.5mm long.  
With strain relief.  
.20" cable opening.



**30-348**  
Power plug  
converter 3.5mm  
plug to 2.1mm jack.



**30-349**  
Power plug  
converter 3.5mm  
plug to 2.5mm jack.



**30-333** 2.1mm  
**30-334** 2.5mm  
coax inline female  
connector. Available  
in 2.1mm and  
2.5mm versions  
O.D. = 5.5mm  
.15" cable opening.



**30-340**  
Coax power plug  
converter. 1.3 mm  
plug to 2.1 mm jack  
**30-341**  
2.5 mm jack version



**30-343**  
Coax power plug  
converter. 2.5mm  
plug to 2.1 mm jack  
**30-344**  
2.5 mm jack version



**30-346**  
Coax power plug  
converter. 3.5mm  
plug to 2.1mm jack  
**30-347**  
2.5 mm jack version



3.5 mm mono mini-  
jack to DC power plug.  
**30-360**  
1.3mm coax plug I.D.  
**30-361**  
2.1mm coax plug I.D.  
**30-362**  
2.5mm coax plug I.D.



**30-363**  
3.5 mm mini-jack  
to DC power plug.  
3.0 mm coax  
plug I.D.



**30-377** Japan  
**30-377-T** Taiwan  
2.1mm I.D.  
5.5mm O.D.  
chassis mount coax  
power jack. Mounts  
7/16" dia. hole in  
panels up to 3/16"  
thick.



**30-378** Japan  
**30-378-T** Taiwan  
2.5mm I.D.  
5.5mm O.D.  
chassis mount coax  
power jack. For 7/16"  
dia. hole in panels up  
to 3/16" thick.



**30-379**  
3.0mm I.D.  
6.3mm O.D.  
chassis mount coax  
power jack. For 7/16"  
dia. hole in panels  
up to 3/16" thick.



**30-310** 2.1mm  
**30-311** 2.5mm.  
Chassis mount  
coax power jack.  
Insulated housing  
mounts in 9/16" hole.  
N/C switch. 5.5mm  
O.D.



**30-314**  
2.1mm I.D. X 5.5mm O.D.  
**30-315**  
2.5mm I.D. X 5.5mm O.D.  
Chassis mount coax  
power jack. Plastic  
housing. Mounts in 1/2"  
dia. hole. N/C switch.



**30-720-2.1**  
2.1mm version  
**30-720-2.5**  
2.5mm version  
Chassis mount snap-in  
coax power jack. Nickel  
plated connector with  
black molded trim.  
Isolated from ground,  
requires no hardware,  
solder style terminals.  
Mounts in .375" hole, up  
to .07" panel thickness



**30-442** Black  
**30-443** Red  
Insulated banana  
plug, 1" molded  
bakelite handle,  
.2" cable  
opening.



**30-442G** Black  
**30-443G** Red  
Gold versions of  
30-442 and  
30-443.  
.2" cable opening.



**30-600-BK** Black  
**30-600-RD** Red  
Banana plug,  
gold plated  
solderless with  
female banana  
tap. Black or red.  
.22" cable  
opening.



**30-602-BK** Black  
**30-602-RD** Red  
Banana plug,  
solderless with  
gold plating,  
screw  
adjustment with  
black or red  
band. .15" cable  
opening.

# CALRAD

## 30 Series - Connectors

Technical drawings and specifications are available for these connectors. Please ask your Calrad sales representative for details.



**30-603**  
Locking banana plug, can be locked down in jack, solderless, gold plated. .34" cable opening.



**30-605-BK** Black  
**30-605-RD** Red  
Solder type banana plug for large cable. Gold plated with black or red bands. Up to 8 awg wire. .25" cable opening.



**30-604-BK** Black  
**30-604-RD** Red  
Dual gold banana plugs. For up to 8 gauge wire. .15" cable opening. .075" centers.



**30-440** Red  
**30-441** Black  
Dual banana plug, gold plated. .24" cable opening. .075" centers.



**30-440-NK** Red  
**30-441-NK** Black  
Dual banana plug, nickel plated. .24" cable opening. .075" centers.



**30-438**  
BNC female to dual standard banana plugs. .075" centers.



**30-439**  
BNC male to dual binding posts for wire or standard banana plugs. .075" centers.



**30-461**  
BNC female to dual binding posts for wire or standard banana plugs. .075" centers.



**30-460**  
BNC male to dual standard banana plugs. .075" centers.



**30-444** Black  
**30-445** Red  
Insulated banana jack. Supplied with soldering lug and nuts.



**30-601** 1 Red, 1 Black  
**30-601-BK** 1 Black  
**30-601-RD** 1 Red  
**Banana/Binding Post**  
Solderless speaker termination on each end. Accepts banana style connectors or raw speaker cable up to 14AWG. Mounts in 3/8" hole. Hardwaew included



**30-610** 1 Red, 1 Black  
**30-610-BK** 2 Black  
**30-610-RD** 2 Red  
Speaker pin plug, gold plated with P.V.C. cover, crimp style.



**30-606-BK** Black  
**30-606-RD** Red  
Solderless speaker pin plug. Accepts up to 8 awg wire. Gold plated with red or black ID band options.



**30-614-BK** Black  
**30-614-RD** Red  
Solderless Gold Speaker Pins  
Notched pin design prevents accidental push pin removal. Ideal for connections where space is tight. Slotted set screw. Accepts 10-18 Awg. Cable.



**30-609-RD** Red  
**30-609-WH** White  
Speaker terminals with solder/solderless speaker pin. White or red color band. Accepts 8-18 awg. cable. Gold plated with black chrome finish.



**90-799** Black  
**90-800** Red  
5-way binding posts. Plastic insulation. Has .1875" keyed threaded mounting shaft. Mounts in panels up to .25" thick.



**30-613-BK** Black  
**30-613-RD** Red  
Spade terminal, gold plated crimp on connector, with P.V.C. cover, black or red. .15" to .3" cable opening.



**30-615-BK** Black  
**30-615-RD** Red  
Spade terminal, heavy duty gold plated, screw type adjustment with black or red band. .25" cable opening.



**30-612**  
Gold Speaker Terminals with hex set-screw. Pack of 4 with Hex wrench Accepts up to 10 Awg cable.



**30-369**  
Right angle, 2-pin male speaker plug. .23" x .13" cable opening.



**30-392**  
2-pin inline male speaker plug. .23" x .11" cable opening.



**30-393**  
2-pin inline female speaker plug. .26" x .17" cable opening.



**30-322J-4** (4 pin)  
**30-322J-6** (6 pin)  
**30-322J-8** (8 pin)  
Inline female mini din connector. Solder type inline female connector with strain relief. Shielded body with plastic cover.



**30-320** .....3-pin  
**30-322** .....4-pin  
**30-324** .....5-pin  
**30-326** .....6-pin  
**30-328** .....7-pin  
**30-330** .....8-pin  
Shielded inline mini male DIN plugs. Rated at 12 Vdc, 2A max. Accepts up to .20" O.D.

# CALRAD

## 30 Series - Connectors



Locking SVHS Plug

**30-505-LK**  
Locking 4 pin SVHS male connector. Spring strain relief, Black. Mates with 30-507 chassis mount jack



**30-505** (4 pin)  
**30-505-6** (6 pin)  
**30-505-8** (8 pin)  
Pro quality Mini Din connector for 5-7mm cable. Metal housing with gold pins, contacts and strain relief. .27" cable opening.



**30-608**  
Pro quality SVHS 4-pin connector for 8mm cable. Gold pins. Black chrome barrel .31" cable opening.



**30-611**  
Same as 30-608 only w/ metallic silver barrel. Easy access solder cups w/ crosshair contact dividers for easy soldering



**30-505-RA-6**  
6mm Cable  
**30-505-RA-8**  
8mm Cable  
**30-505-RA-RG174**  
RG-174 cable  
High Quality right angle gold plated mini din connector. Front can pivot 180°. Cable reduction boots available for 5mm cables and smaller.



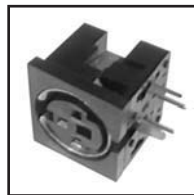
**30-618** (4 pin)  
**30-618-6** (6 pin)  
**30-618-8** (8 pin)  
SVHS inline female jack. Solder type connector. Accepts 5-7mm cable. Black chrome body with gold plated connector.



**35-498K-S**  
Solderless Keystone & Chassis Mount SVHS Jack. Easily mountable SHVS jack for either 1/2" chassis mount or keystone insert. Screw terminals provide a clean, solderless, connectorless backside termination. Includes cable tie for strain relief. Colored plastic washer available for enhanced visual ID (Part Number 30-288-Color)



**30-507**  
4 pin Japanese  
**30-507-T**  
4 pin Taiwanese  
**30-507-6**  
6 pin Taiwanese  
**30-507-8**  
8 pin Taiwanese  
4, 6, & 8 pin chassis mount mini-din jacks. Mounts in 9/16" hole. Bushing length .167".



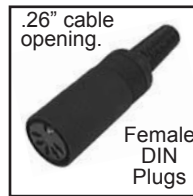
**30-321** .....3-pin  
**30-323** .....4-pin  
**30-325** .....5-pin  
**30-327** .....6-pin  
**30-329** .....7-pin  
**30-331** .....8-pin  
Female Mini Din connector, printed circuit mount socket. PCB footprint available upon request.



**30-506**  
4-pin SVHS chassis mount jack with screws for mounting.



**30-435** 3-pin inline 180°  
**30-436** 5-pin inline 180°  
**30-499** 6-pin inline 240°  
**30-495** 7-pin inline 270°  
**30-497** 8-pin inline 270°  
"U" pattern  
**30-503** 8-pin inline 360° circular pattern



**30-433** 5-pin inline 180°  
**30-500** 6-pin inline 240°  
**30-496** 7-pin inline 270°  
**30-498** 8-pin inline 270°  
"U" pattern  
**30-504** 8-pin inline 360° circular pattern



**30-437**  
5-pin male DIN plug and 5-pin inline female DIN jack. .26" cable opening for both. with plastic strain relief



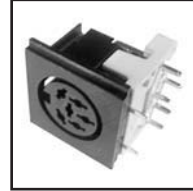
**30-501**  
6-pin (240°) right angle male DIN plug.  
**30-502**  
5-pin (180°) version. .18" cable opening for both with plastic strain relief.



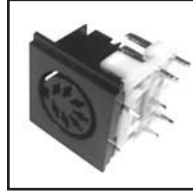
**30-508**  
5-pin (180°) DIN female socket, chassis mount.  
**30-509**  
6-pin (240°) version.



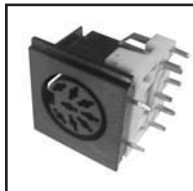
**30-542**  
5-pin (180°) PC chassis mount DIN jack.



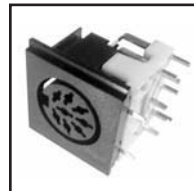
**30-543**  
6-pin (240°) PC chassis mount DIN jack.



**30-544**  
7-pin (270°) PC chassis mount DIN jack.



**30-545**  
8-pin (270°) "U" pattern, PC chassis mount DIN jack.



**30-546**  
8-pin (360°) circular pattern PC chassis mount DIN jack.



**30-457**  
4-prong male interlocking inline DIN connector.  
**30-458**  
5-prong version. .27" cable opening for both.



**30-480**  
4-prong female interlocking inline DIN connector. .27" cable opening.  
**30-481**  
5-prong version.



**30-482** 4-pin  
**30-483** 5-pin  
Interlocking DIN-type chassis jacks. Accepts locking ring-type DIN plugs Calrad 30-457 4-pin & 30-458 (5-pin) plugs.



**30-459**  
Y-type 4-pin mic connector, nickel plated with strain relief clamp. "Y" hole pattern. Size: 1 1/2" OVL x 5/8" dia.



# CALRAD

## 30 Series - Connectors

Technical drawings and specifications are available for these connectors. Please ask your Calrad sales representative for details.



**30-451**  
3 conductor inline jack. .25" cable opening.  
**30-451-M**  
3 conductor male plug.



**30-452**  
3 conductor male chassis plug. .62" hole size.



**30-453**  
4 conductor inline jack. .25" cable opening.  
**30-453-M**  
4 conductor inline male plug.



**30-454**  
4 conductor male chassis plug. .62" hole size.



**30-518**  
5-pin microphone inline jack. .25" cable opening.  
**30-518-M**  
5 conductor inline male plug.



**30-519**  
5-pin chassis mount male microphone plug. .62" hole size.



**30-455**  
6 conductor inline jack. .25" cable opening.  
**30-455-M**  
6 conductor inline male version.



**30-456**  
6 conductor male chassis plug. .62" hole size.



**30-510**  
7 conductor inline jack. .25" cable opening.  
**30-510-M**  
7 conductor inline male plug.



**30-511**  
7-pin male chassis plug. .62" hole size.



**30-512**  
8-pin inline jack. .25" cable opening.  
**30-512-M**  
8 conductor inline male plug.



**30-513**  
8-pin male chassis plug. .62" hole size.



**30-467**  
PL259 Coax chassis connector (box-type).



**30-468**  
PL259 Coax chassis connector (bullet-type). 5/8" hole size.



**30-475**  
Coax adaptor plug. Adapts PL 259 type to 3.5 mm plug.



**30-469**  
Coax universal jack adaptor. Adapts PL 259 to Motorola-type auto antenna plug or RCA-type phone plug.



**30-470**  
Coax right angle adapter SO-239 to PL-259.



**30-471**  
Coax "T" connector adapts 2 females to one male.



**30-472**  
Coax double female connector.



**30-473**  
Coax cable adaptor for RG58U.  
**30-474**  
Coax cable adaptor for RG59U.



**30-465**  
Coax cable connector plug. PL-259



Black or Silver  
**30-526-BK**  
**30-526-SL**  
XLR 3-pin female right angle plug. .17" cable opening.



Black or Silver  
**30-527-BK**  
**30-527-SL**  
XLR 3-pin male right angle plug. .17" cable opening.



Black or Silver  
**30-520-BK**  
**30-520-SL**  
XLR 3-pin male inline plug. .25" cable opening.

# CALRAD

## 30 Series - Connectors

Technical drawings and specifications are available for these connectors. Please ask your Calrad sales representative for details.



Black or Silver

**30-521-BK**  
**30-521-SL**  
XLR 3-pin female inline plug. .25" cable opening.



Black or Silver

**30-528-BK**  
**30-528-SL**  
XLR 3-pin female plug, twist-on strain relief. .15" to .3" cable opening. 4 piece construction. Internal compression style cable strain relief.



Black or Silver

**30-529-BK**  
**30-529-SL**  
XLR 3-pin male plug, twist-on strain relief. .15" to .3" cable opening. 4 piece construction. Internal compression style cable strain relief.



New Item

On/Off Switch

**30-638**  
3-Pin XLR inline female with labeled on/off switch. Shorts pins 2 & 3 to mute signal voltage with plastic noiseless switch. Gold plated contacts.



30-534

**30-534 Silver**  
**30-534-BK** Black 4-pin XLR inline male plug in silver or black.

**30-535 Silver**  
**30-535-BK** Black 4-pin XLR inline female jack in silver or black. .25" cable opening



30-539

**30-539 Silver**  
**30-539-BK** Black 5-pin XLR inline male plug in silver or black.  
**30-540-BK** Black  
**30-540-SL** Silver 5-pin XLR inline female jack in silver or black. .25" cable opening.



**30-630-BK-3** 3 pin  
**30-630-BK-4** 4 pin  
**30-630-BK-5** 5 pin  
Black inline male XLR plug. .15" to .3" cable opening. No tools required for assembly or disassembly. 4 piece construction. Internal compression style cable strain relief.



**30-630-SL-3** 3 pin  
**30-630-SL-4** 4 pin  
**30-630-SL-5** 5 pin  
Silver inline male XLR plug. .15" to .3" cable opening. No tools required for assembly or disassembly. 4 piece construction. Internal compression style cable strain relief.



**30-631-BK-3** 3 pin  
**30-631-BK-4** 4 pin  
**30-631-BK-5** 5 pin  
Black inline female XLR plug. .15" to .3" cable opening. No tools required for assembly or disassembly. 4 piece construction. Internal compression style cable strain relief.



**30-631-SL-3** 3 pin  
**30-631-SL-4** 4 pin  
**30-631-SL-5** 5 pin  
Silver inline female XLR plug. .15" to .3" cable opening. No tools required for assembly or disassembly. 4 piece construction. Internal compression style cable strain relief.



MINI XLR MALE

**30-640-3** 3 pin  
**30-640-4** 4 pin  
**30-640-5** 5 pin  
**30-640-6** 6 pin  
Inline male MINI XLR plug. Also available with short boot. Cable opening .13"-.17"



MINI XLR FEMALE

**30-641-3** 3 pin  
**30-641-4** 4 pin  
**30-641-5** 5 pin  
**30-641-6** 6 pin  
Inline female MINI XLR jack. Also available with short boot. Cable opening .13"-.17"



MINI XLR FEMALE

**30-641M-3** 3 pin  
**30-641M-4** 4 pin  
**30-641M-5** 5 pin  
**30-641M-6** 6 pin  
Metal inline female MINI XLR jack. Also available with short boot. Cable opening .13"-.17"



**30-525**  
XLR 3 pin female to female coupler.



**30-524**  
XLR 3 pin male to male coupler.



Black or Silver

**30-522-BK**  
**30-522-SL**  
XLR 3-pin male chassis plug. .75" hole size.



**30-522-SL-4**  
4-pin male XLR chassis plug mounts in .75" hole size.



**30-522-SL-5**  
5-pin male XLR chassis plug mounts in .75" hole size.



Black or Silver

**30-523-BK**  
**30-523-SL**  
XLR 3-pin female chassis jack. .9375" or 15/16" hole size.



**30-523-SL-4** 4 pin  
**30-523-SL-5** 5 pin  
4 or 5 pin female XLR chassis jack mounts in .9375" or 15/16" hole size.



Mini XLR Male

**30-642-3** 3 pin  
**30-642-4** 4 pin  
**30-642-5** 5 pin  
**30-642-6** 6 pin  
Chassis mount MINI XLR male. Mounts in .43" "D" hole. Nickel plated body.



Mini XLR Female

**30-643-3** 3 pin  
**30-643-4** 4 pin  
**30-643-5** 5 pin  
**30-643-6** 6 pin  
Chassis mount MINI female XLR. Mounts in 15.20mm, .60 hole. Nickel plated body.



**30-515**  
Plastic XLR 3-pin male chassis plug. .76" hole size.



**30-516**  
Plastic XLR 3-pin female chassis jack. .86" hole size.

# CALRAD

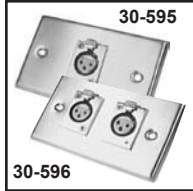
## 30 Series - Connectors

Technical drawings and specifications are available for these connectors. Please ask your Calrad sales representative for details.



**30-517**

Isolated plastic female XLR with protective cover. 3-pin female XLR mounts in 15/16" hole and requires a special cut out in order to mount.



**30-596**

**30-595**

Single XLR female jack on a steel plate.

**30-596**

Dual XLR female jacks on a steel plate.



**30-590** chrome

**30-590-BK** black Female XLR desktop mount in black, used for quick release style gooseneck mics. Removable solder type female XLR. Mounts with 3 screws included. Base dia. 1.75", height 2".



**30-432**

Knurled mic connector, male or inline female. Fits std. 5/8"-27 chassis connectors. Knurled collar screws to convert to male. .2" cable opening



**30-434**

Mic connector. Bright chrome plated. Knurled collar. .21" cable opening.



**30-380**

Chassis mount antenna jack. Female receptacle. .4" hole size.



**30-381**

Antenna-type plug. To fit Calrad 30-380.



**30-382**

In-line solderless Motorola type plug. .26" cable opening.



**30-383**

Motorola type antenna in-line twist on jack, no soldering. .3" cable opening.



**30-550** . . .9-way

**30-551** . . .15-way

**30-552** . . .25-way

"D" solder type connector plugs

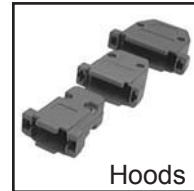


**30-560** . . .9-way

**30-561** . . .15-way

**30-562** . . .25-way

"D" solder type connector sockets.



**Hoods**

**30-550-PH**..... 9-pin plastic  
**30-550-MH** 9-pin metalized plastic  
**30-550-M** .....9-pin metal  
**30-551-PH** .....15-pin plastic  
**30-551-MH**..15-pin metalized plastic  
**30-551-M**... 15-pin D conn. metal  
**30-552-PH**..... 25-pin plastic  
**30-552-MH**.. 25-pin metalized plastic  
**30-552-M** ..... 25-pin metal



**30-553M** (Nickel)

**30-553M-G** (Gold) DB9, DB15HD metal housing for 10-11mm cable, with hardware. 2-piece construction, for use with DB9, DB15 type connectors.



**30-553M-RA**

Right angle version of 30-553M. for 10-11mm cable

**30-553M-RA-G**

Gold plated right angle hood and hardware.



**30-554** Male

**30-555** Female Solder type DB-9, 9 pin male or female with metal hood and hardware. Accepts cable up to 11mm, .433".



**30-556** Male

**30-557** Female Solder type HD-15, 15 pin male or female with metal hood and hardware. Accepts cable up to 11mm, .433".



**VIDEO**

**30-551-HD**

DB-15 high density male plug used for computer monitor applications, graphic workstations, computer and data related applications. Numbered pins. Gold plated terminals.



**VIDEO**

**30-561-HD**

DB-15 high density female jack used for computer monitor applications, graphic workstations, computer and data related applications. Numbered pins. Gold plated terminals.



**DATA**

**30-580**

9-pin "D" connector plug to 9-pin "D" connector plug mini version.



**DATA**

**30-582**

9-pin "D" connector socket to 9-pin "D" connector socket mini version.



**VIDEO**

**30-588**

15-pin male to male gender changer. High density "D" connector plugs for inline or panel mounting.



**VIDEO**

**30-587** Nickel

**30-587G** Gold 15-pin female to female gender changer. High density "D" connector sockets for inline or panel mounting.



**30-584-M**

15 pin gender changer. Male-male.



**30-584-F**

15 pin gender changer. Female-female.

# CALRAD

## 30 Series - Connectors, Adapters, Wall Plates & Accessories



**30-575**  
25-way "D"  
connector plug to  
25-way "D"  
connector plug  
mini version.



**30-577**  
25-way "D"  
connector socket  
to 25-way "D"  
connector socket  
mini version.



**30-579**  
25-pin female  
socket to 25-pin  
female socket  
modem adapter.



**30-585**  
25-pin male plug  
to 9-pin "D"  
female socket.



**30-586**  
25-pin female  
socket to 9-pin  
male plug.



**30-581**  
Male 9-pin "D"  
connector plug to 9-pin "D"  
connector plug.

**30-583**  
Female 9-pin "D" connector  
socket to 9-pin "D" connector  
socket.



**30-576**  
25-way "D" male  
plug to 25-way  
"D" male plug.  
**30-578**  
Female to  
Female



**35-700**  
DVI-I Male to VGA  
DB-15 Female  
Adapter  
Allows you to connect a VGA  
display to a DVI-I graphics  
card. NOTE, this adapter  
does NOT provide a digital to  
analog signal conversion. It  
will not work with DVI-D.



**35-701**  
DVI-A Male to  
VGA DB-15  
Female Adapter.  
This adapter allows  
you to connect a  
DVI-A display to a  
VGA graphics card.



**35-702**  
DVI-D Female to  
DFP 20 pin Male  
Adapter



**35-703**  
DVI-D Male to  
DFP 20 pin  
Female Adapter



**35-710**  
DVI-I to DVI-I Female to  
Female Coupler.  
Shielded di-cast case handles 5  
pin analog and 24 pin digital  
signals. gold plated contact  
pins. Used for inline or chassis  
mount. Fits in standard DB15 d-  
sub cutout. Overall length .93"  
For wall mounting use Calrad  
p/n 30-598.



**35-713**  
HDMI Female to  
Female inline  
Coupler with  
Gold plated  
contacts.



**35-711**  
HDMI Female to  
DVI-D  
Male Adapter with  
Gold plated  
contacts.



**35-712**  
HDMI Male to  
DVI-D Female  
Adapter with  
Gold plated  
contacts.



**35-715**  
HDMI Female to DVI-D Male  
Cable Adapter with Gold  
plated contacts. 6" Length

**35-716**  
HDMI Male to DVI-D Female  
Cable Adapter with Gold  
plated contacts. 6" Length



**30-593**  
**VGA to MAC adapter,  
6 position Dip Switch**  
For connecting Apple 15  
pin (2 rows) to 15 pin (3  
rows) D sub connectors.  
Supports Apple standard  
display modes including 13"  
color (640x480) 16" (832x-  
624) 21" (1152x870). Dip  
switch selectable for different  
display modes.



**30-594**  
**VGA to MAC adapter,  
10 position Dip Switch**  
For connecting Apple 15 pin  
D sub (2 rows) to 15 pin (3  
rows) D sub connectors.  
Supports Apple standard  
display modes including 13"  
color (640x480) 16" (832x-  
624) 21" (1152x870). Dip  
switch selectable for different  
display modes.



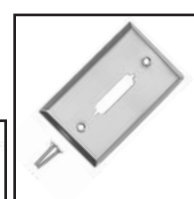
**30-592-6**... RJ12  
**30-592-8**...RJ45  
Female DB-9, D-Sub to  
either RJ-12 or RJ-45 jacks.  
Grey plastic hood with long  
thumb screws. 6 & 8 wire  
selectable pin configurations  
available.



**30-597** Single Cutout  
**30-597-2** Dual Cutout  
15 pin high density "D"  
cutout single or dual  
gang stainless steel wall  
plate with hardware. For  
male or female  
connectors. Works with  
Calrad part numbers 30-  
580, 30-582, 30-587, 30-  
588.



**30-598** Single Cutout  
**30-598-2** Dual Cutout  
15 pin wide "D" cutout  
single or dual gang  
stainless steel wall  
plate with hardware.  
For male or female  
connectors. Works with  
Calrad part numbers  
30-584-M, 30-584-F  
and 35-710 DVI-I  
coupler.



**30-599**  
25 pin "D" cutout  
single gang  
stainless steel wall  
plate with  
hardware. For male  
or female  
connectors. Works  
with Calrad part  
numbers 30-575,  
30-577.



**30-591-ST-9** 9mm  
**30-591-ST-10** 10mm  
**30-591-ST-12** 12mm  
Threaded post for D-  
Sub connectors and  
adapters. Threaded  
posts available in 9,  
10 & 11mm threaded  
post lengths.



**30-591**  
For use with  
Calrad "D" sub  
connectors. .2"  
length. 4-40  
threads.