

AV Connectors, BNC

Gold or Nickel-plated

Hubbell's **iSTATION™** Gold and Nickel-plated BNC connectors provide a perfect solution for distributing coaxial (RG-6 & RG-59) video signal to the work station or connect. Requiring no soldering, these BNC connectors install with a snap and provide a quick easy "bayonet-style" termination.

The **iSTATION™** BNC connectors are available in 7 standard Hubbell colors and mount into all **iSTATION™** face plates, modules, frames, surface housings, poke-throughs, raceway, delivery and UDX multimedia panels.

Create a customized multimedia work station by adding an Gold BNC connector along with HPW's extensive line of AV connectors, loaded modules and **XCELERATOR™** jacks.



Order Information

Description	Catalog No.
AV Connector, BNC, Gold	SFBNGXX
AV Connector, BNC, Nickel	SFBNXX

XX = Housing Colors

	Almond
	Black
	Electric Ivory
	Gray
	Light Almond
	Office White
	Telco Ivory
	White

Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- Standard BNC Bulkhead Connector.
- Gold-Plated 75 Ohm Connections.

Performance Specifications

- ◆ **Connector:**
 - Connector Body: Brass.
 - Nickel-plated: 100μ"
 - Gold-plated: 2μ"
- ◆ **Performance:**
 - Range: 1500MHz
 - Impedance: 75 Ohms
 - Mating Cycles: 500 +
- ◆ **Material:**
 - Housing: Flame-retardant Polymer
 - UL 94V-0

Termination Instructions

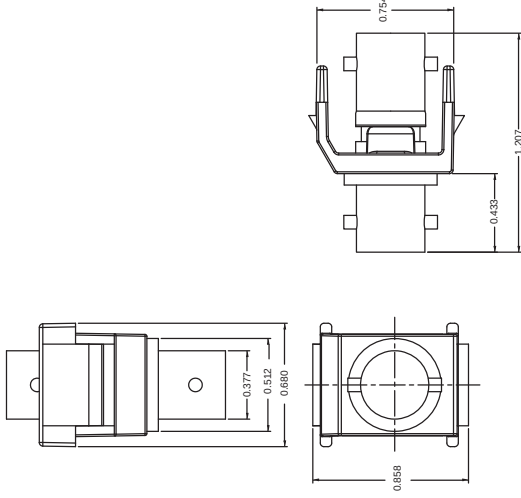
Installation Tips

Important: Always allow for clearance behind connection location to ensure for proper bend radius.

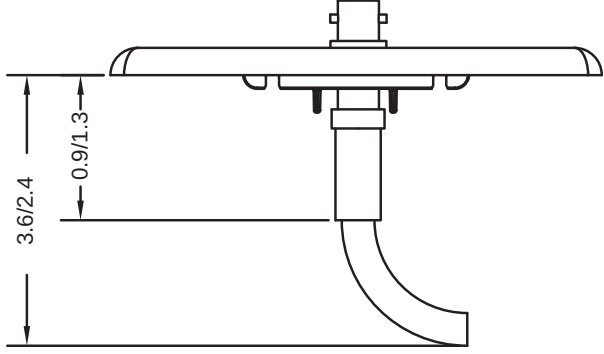
Gold Plating: Gold plating encapsulates the connector's base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent (signal) conductive path over Nickel (3x), which is closer to Copper it's transmitting over.

Cable Type: RG6 and RG59 75 ohm Coax Cable.

Dimensions



Connector Depth



Features/Benefits

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■ Universal Keystone Design fits into all Hubbell Products.

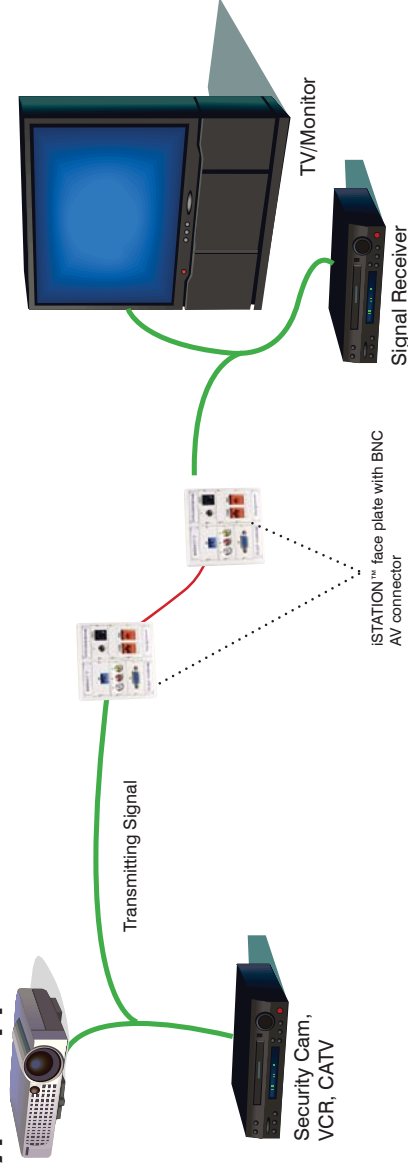
Standard BNC Bulkhead Connector.

■ Gold-Plated 75 Ohm Connections.

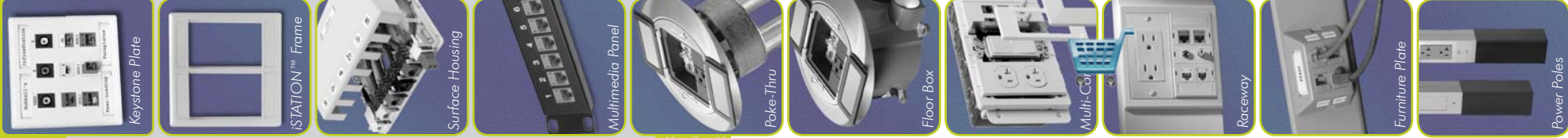
Connector Specifications

Connector Term

Typical Applications



Applications Supported: TV, CCTV, CATV, satellite and home theater. Projectors, flat panel TVs, entertainment systems. Security and surveillance systems.



AV Connectors, F-Type

Gold or Nickel-plated

Hubbell's AV Gold and Nickel-Plated F-Connectors provide a perfect solution for distributing coaxial (RG-6 and RG-59) video signals to the work station or cross-connect. Requiring no soldering, these F-connectors install with a snap and provide a quick easy "screw-on" or "push-on" termination. These F-Connectors are available in 7 standard Hubbell colors and mount into all iSTATION™ face plates, modules, frames, surface housings, Hubbell Delivery System products including poke-throughs and surface raceway, and iSTATION™ UDX multimedia panels.

Create a customized multimedia workstation by adding a Gold F-Connector along with Hubbell's extensive line of AV connectors, loaded modules and **XCELERATOR™** jacks.

Order Information

Plating	Nickel	Gold
Catalog No.	SFFXX	SFFGXX

XX = Housing Colors

	White
	Telco Ivory
	Office White
	Light Almond
	Gray
	Electric Ivory
	Black
	Almond



Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- Hubbell Design Technology.
- 1500 MHz Performance.

Performance Specifications

- ◆ **Connector:**
 - Connector Body: Brass
 - SFF Gold-plated: 2μ"
 - SFF Nickel-plated: 100μ"
- ◆ **Performance:**
 - Range: 1500MHz
 - Impedance: 75 Ohms
 - Mating Cycles: 500+
- ◆ **Housing Material:**
 - flame retardant polymer rated UL 94V-0.

Termination Instructions

Installation Tips

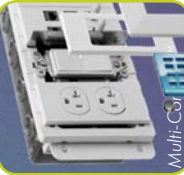
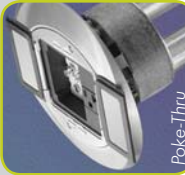
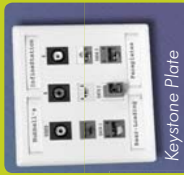
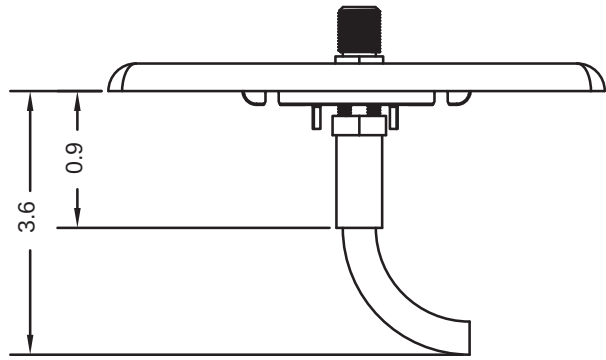
Important: Always allow for clearance behind connection location to ensure for proper bend radius

Gold Plating: Gold plating encapsulates the connectors base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent (signal) conductive path over nickel (3x), which is closer to copper its transmitting over.

Cable Type: RG-6 and RG-59 - 75 Ohm Coax cable.

Dimensions

Connector Depth

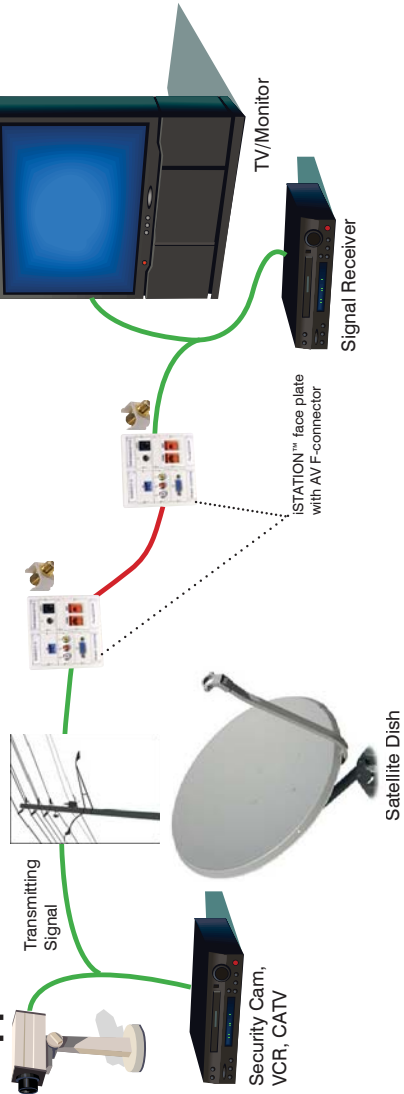


Connector Specifications

Connector Term

A common type of connector used for cable TV (CATV), closed circuit TV (CCTV), satellite TV, Internet access through cable modems and security surveillance cameras. Female F-Couplers have a 3/8-32 thread. Most male F-connectors have a matched threaded connecting ring or in some cases are a push-on version. The male F-connector body is terminated by screwing, crimping, or compressing onto the exposed outer braid/shield of the RG-6 or RG-59 cable leaving the conductor exposed in the center of the connector.

Typical Applications



Applications Supported: TV, CCTV, CATV, satellite and home theater. Projectors, flat panel TVs, entertainment systems. Security and surveillance systems.

AV Connectors, F-Type

Recessed, Gold-plated



Hubbell's Recessed F-connector is the perfect solution for video applications requiring flush mounting. Snap the recessed F into a Hubbell poke through, a wall plate, or even a floor box to distribute 75 Ohm coaxial (RG-6 and RG-59) video signal. Requiring no soldering, these F-connectors install with a snap and provide a quick easy "screw-on" or "push-on" termination. The Recessed F-Connectors are available in seven standard Hubbell colors and flush mount into all **ISTATION™** face plates, modules, frames, surface housings, Hubbell delivery system products including poke throughs, raceway, and UDX multimedia panels. Create a customized multimedia workstation by adding a Gold F-Connector along with Hubbell's extensive line of AV connectors, loaded modules and **XCELERATOR™** jacks.

Order Information

Description	Recessed
Catalog No. XX	SFRGFXX

XX = Housing Colors

	Almond
	Black
	Electric Ivory
	Gray
	Light Almond
	Office White
	Telco Ivory
	White

Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- Hubbell Design Technology.
- 1500 MHz Performance.

Performance Specifications

- ◆ **Connector:**
Connector Body: Brass
Gold-plated: 21"
- ◆ **Performance:**
Range: 1500MHz
Impedance: 75 Ohms
Mating Cycles: 500+
- ◆ **Housing Material:**
flame retardant polymer rated UL 94V-0.

Termination Instructions

Installation Tips

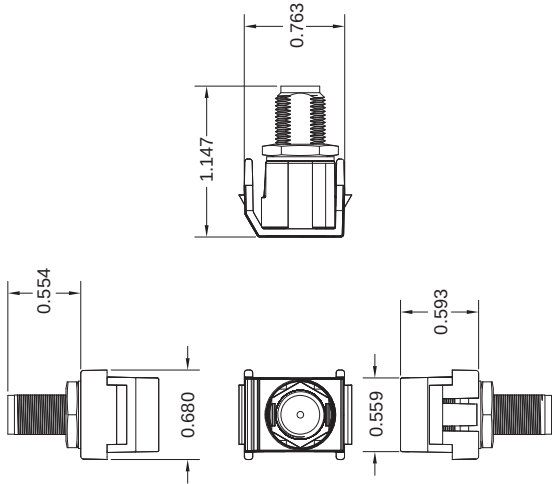
Important: Always allow for clearance behind connection location to ensure for proper bend radius

Termination: Station side of connection is a "push-on" style connector only. Rear side standard screw-style or push-style.

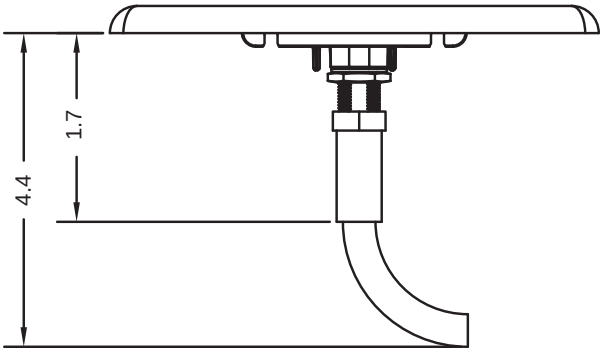
Gold Plating: Gold plating encapsulates the base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent conductive path over nickel, which is closer to copper its transmitting over.

Cable Type: RG-6 and RG-59 75 ohm coax cable.

Dimensions



Connector Depth



Features/Benefits

Seamless Hubbell System Integration.
Universal Keystone Design fits into all Hubbell Products.

Performance Specifications

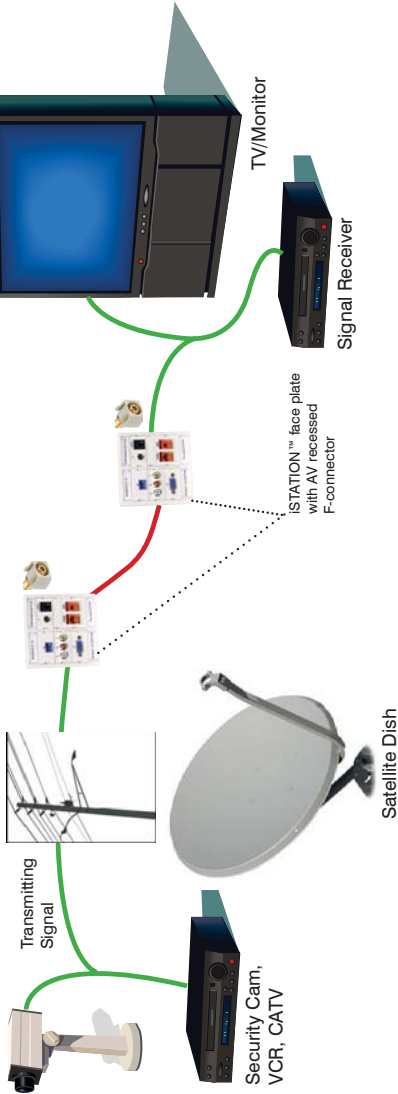
- ◆ **Connector:**
 - Connector Body: Brass
 - Gold-plated: 2μ"
- ◆ **Performance:**
 - Range: 1500MHz
 - Impedance: 75 Ohms
 - Mating Cycles: 500+
- ◆ **Housing Material:**
 - flame retardant polymer rated UL 94V-0.

Connector Specifications

Connector Term

A common type of connector used for cable TV (CATV), closed circuit TV (CCTV), satellite TV, Internet access through cable modems and security surveillance cameras. Female F-Couplers have a 3/8-32 thread. Most male F-connectors have a matched threaded connecting ring or in some cases are a push-on version. The male F-connector body is terminated by screwing, crimping, or compressing onto the exposed outer braid/shield of the RG-6 or RG-59 cable, leaving the conductor exposed in the center of the connector.

Typical Applications



Applications Supported: TV, CCTV, CATV, satellite and home theater. Projectors, flat panel TVs, entertainment systems. Security and surveillance systems.



Hubbell's RCA to F-type Gold feed-thru connectors deliver high quality A/V to any work station or transmitting/receiving device. The RCA to F connectors allow the utilization of high performance 75 Ohm RG6 or RG59 cable to deliver component/composite signals. RCA to F-type are available in 7 standard Hubbell colors and snap into any **iSTATION™** product, module, frame, surface housing, Hubbell Delivery System products including poke-thrus and surface raceway, or **iSTATION™** UDX multimedia panels to distribute A/V signals. Requiring no soldering, these connectors install with a snap and provide a quick, easy “screw-on” or “push-on” termination. Create a customized multimedia work station by adding a Gold RCA to F-Connector along with Hubbell's extensive line of AV connectors, loaded modules and **XCELERATOR™** jacks.

Order Information

Housing Color	Plating	Catalog No.
Office White	Gold	SFRFGXX

NOTE: The SFRFGXX insulator is available in clear only.

XX = Housing Colors

Almond	Black	Electric Ivory	Gray	Light Almond	Office White	Telco Ivory	White
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- Features/Benefits
- Seamless Hubbell System Integration.
 - Universal Keystone Design fits into all Hubbell Products.
 - Flush Mount Design.
 - 1 500 MHz Performance.

Performance Specifications

- Female Connector:**
Body: Brass
Gold-Plated: 2µ"
- Performance:**
Range: 1500MHz
Impedance: 75 Ohms
Mating Cycles: 500+
- Material:**
Housing: Flame retardant polymer rated UL 94V-0
- Insulator Color:** Clear.

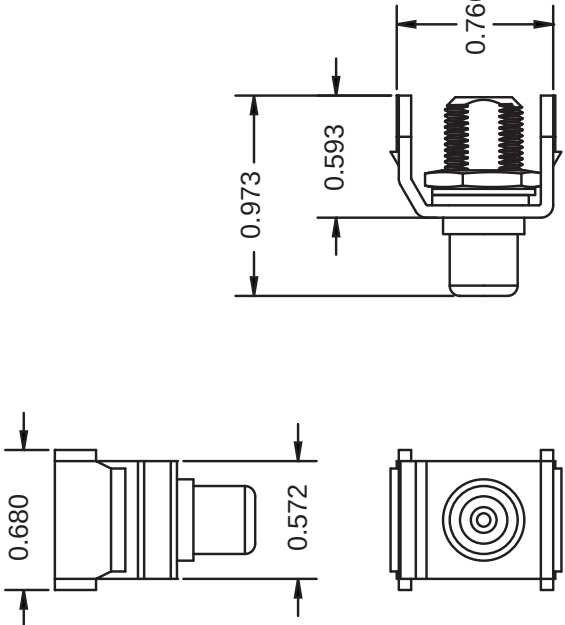
Termination Instructions

Installation Tips

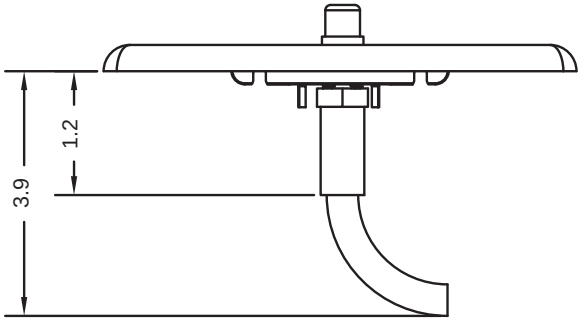
Important: Always allow for clearance behind connection location to ensure for proper bend radius.
Termination: Station side of connection is a “push on” RCA connector. Rear side standard screw style or push style F-Connector.
Gold Plating: Gold plating encapsulates the connector’s base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent (Increased signal transfer) conductive path over nickel (3x).

Cable Type: Any Coax 75 Ohm - RG6, RG59, Mini-Coax, RCA patch cords.

Dimensions



Connector Depth



Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- Flush Mount Design.
- 1 500 MHz Performance.

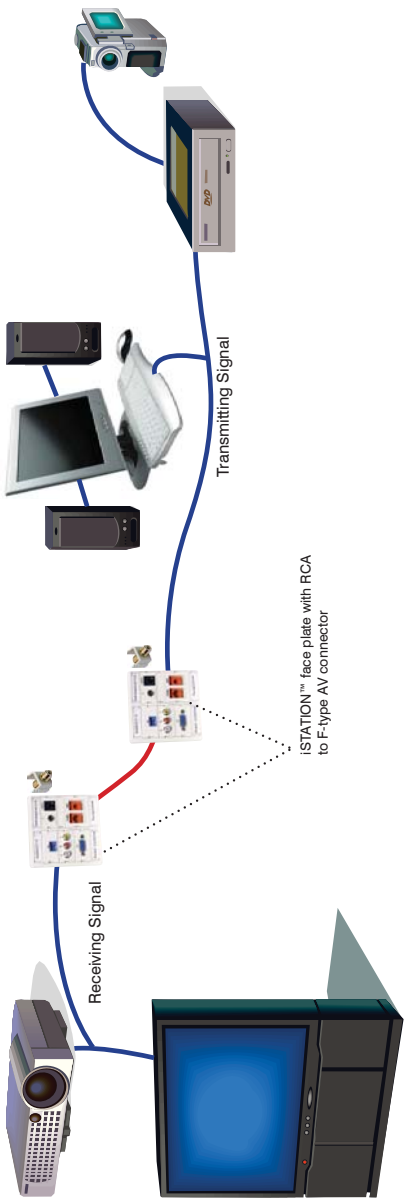
Connector Specifications

Color	Audio	Video
Red	Right Signal	Component - Red (Pr/Cr)
White	Left Signal	
Yellow		Composite
Blue		Component - Blue (Pb/Cb)
Green		Component - Green (Y)
Black	Mono/Right	
Orange	Digital (S/PDIF)	Digital (S/PDIF)

Connector Term

RCA Connector - The standard connector used in line-level consumer and studio sound equipment. RCA connectors supply unbalanced signal and are used in almost all systems and between almost all audio/video components. They are used for interconnecting Composite, Component and Digital coaxial audio video signals.
F-Connector - A common type of connector used for cable TV (CATV), closed circuit TV (CCTV), satellite TV, Internet access through cable modems and security surveillance cameras.

Typical Applications



Applications Supported: Composite/Component Audio Video distribution. TV, CCTV, CATV and satellite. Home theater and entertainment systems. Cameras, camcorders and projectors. Security and surveillance systems.

Recessed, Feed-Thru



Hubbell's Recessed RCA connector is the perfect solution for video applications requiring flush mounting. Snap the recessed RCA into a **iSTATION™** wall plate, a poke-thru, or even a floor box to distribute high quality A/V signals. Requiring no soldering, these RCA connectors install with a snap and provide a quick easy "push-on" termination. These RCA Connectors are available with 7 different insulator colors housed in 7 Hubbell colors, accommodating all common AV applications. RCA standard connectors mount into all **iSTATION™** faceplates, modules and frames, Hubbell Delivery System products including poke-throughs and surface raceway, and UDX multimedia panels. Create a customized multimedia workstation by adding a Recessed RCA connector along with Hubbell's extensive line of AV connectors, loaded modules and **XCELERATOR™** jacks.

Order Information

Housing/Insulator Color	Plating	Catalog No.
See below	Gold	SFRCXXRXX
XX = Insulator Color: "BK" = Black; "B" = Blue; "GN" = Green; "OR" = Orange; "R" = Red; "W" = White; "Y" = Yellow.		

XX = Housing Colors

Almond	Black	Electric Ivory	Gray	Light Almond	Office White	Telco Ivory	White
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- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- Flush Mount Design.
- High Quality Gold Plating.

Features/Benefits

Performance Specifications

- Female Connector:**
Body: Brass
Gold-Plated: 2µ"
- Performance:**
Impedance: 75 Ohms
Mating Cycles: 500+
- Material:**
Housing: flame retardant polymer rated UL 94V-0.
- Insulator Color:** Black, Blue, Green, Orange, Red, White, and Yellow.

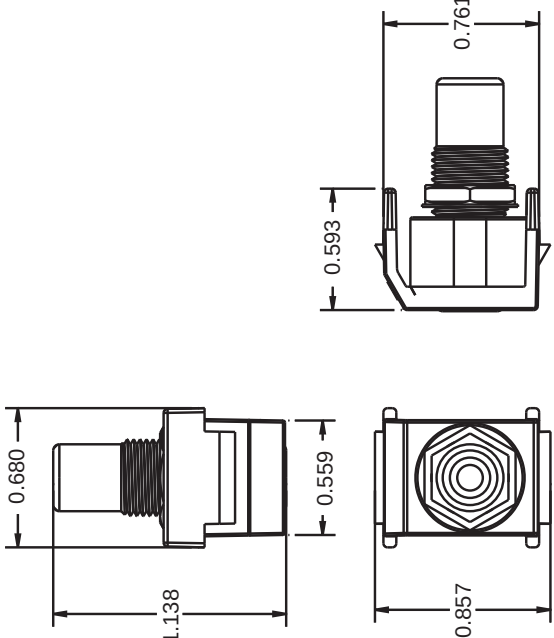
Termination Instructions

Installation Tips

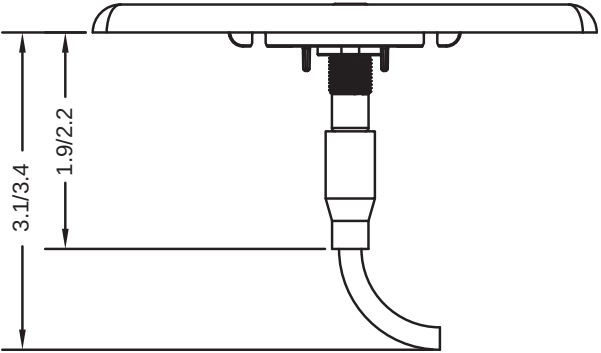
Important: Always allow for clearance behind connection location to ensure for proper bend radius.
Termination: Connection is a "push on" RCA connector (patch cord).
Gold Plating: Gold plating encapsulates the connector's base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent (increased signal transfer) conductive path over nickel (3x).

Cable Type: Any Coax 75 Ohm - RG6, RG59, Mini-Coax, RCA patch cords.

Dimensions



Connector Depth



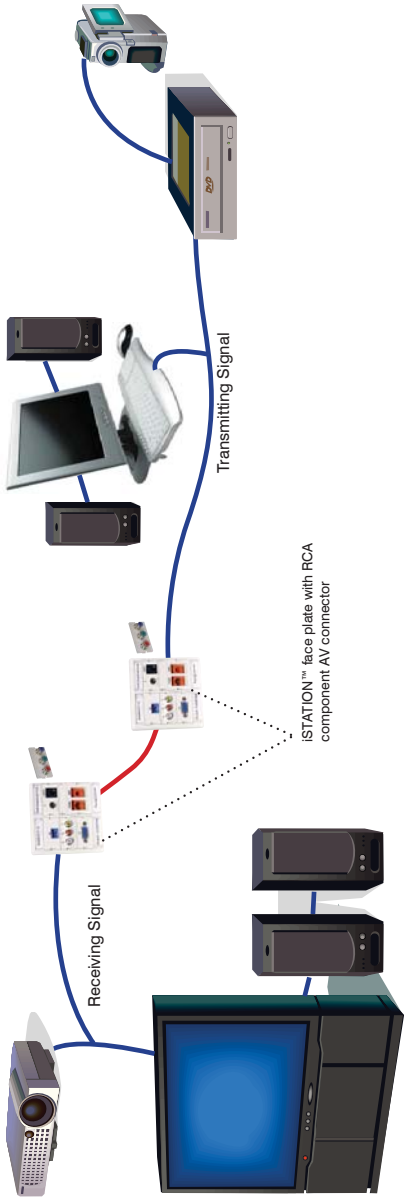
Connector Specifications

Color	Audio	Video
Red	Right Signal	Component - Red (Pr/Cr)
White	Left Signal	
Yellow		Composite
Blue		Component - Blue (Pb/Cb)
Green		Component - Green (Y)
Black	Mono/Right	
Orange	Digital (S/PDIF)	Digital (S/PDIF)

Connector Term

The standard connector used in line-level consumer and studio sound equipment. RCA connectors supply unbalanced signal and are used in almost all systems and between almost all audio/video components. They are used for interconnecting Composite, Component and Digital coaxial audio video signals.

Typical Applications



Applications Supported: Composite/Component Audio Video distribution. TV, CCTV, CATV and satellite. Home theater and entertainment systems. Cameras, camcorders and projectors. Security and surveillance systems.

Hubbell’s Gold AV Speaker Post connectors provide a perfect solution for distributing audio signals throughout the home, office, classroom or to a work area. Requiring no soldering, these gold speaker post connectors install with a “snap” and provide a quick, easy screw-on or plug-in termination.

These gold speaker posts are available in 7 standard Hubbell colors and flush mount into all **iSTATION™** face plates, modules, frames, surface housings, Hubbell Delivery System products including poke-throughs and surface raceway, and **iSTATION™** UDX multimedia panels.

Create a customized multimedia workstation by adding a Gold AV speaker post along with Hubbell’s other AV modules or **XCELERATOR™** jacks.

Order Information			
Speaker Post Connectors	Ring Color: Black	Ring Color: Red	
Housing color*	Catalog No. SFSPGBKXX	Catalog No. SFSPGRXX	
Office White	SFSPGBK	SFSPGR	
Speaker Post Plugs	Catalog No. Black	Catalog No. Red	
10-pack	SPPBK10	SPPR10	

XX = Housing Colors			
Almond	Electric Ivory	Gray	Light Almond
Black	Office White	Telco Ivory	White



Features/Benefits

- Universal Keystone Design fits in all Hubbell Products.
- Gold-Plated Connection.
- Screw-Style or Plug-In Installation for Quick and Easy Termination.
- Industry Standard Banana Plug Style Connection.

Performance Specifications

- ◆ **Connector:**
Body: Brass
Plating: Gold 2µ”
- ◆ **Material:**
Housing: Flame Retardant Polymer (UL 94V-0)
- ◆ **Ring Color:** Black and Red.

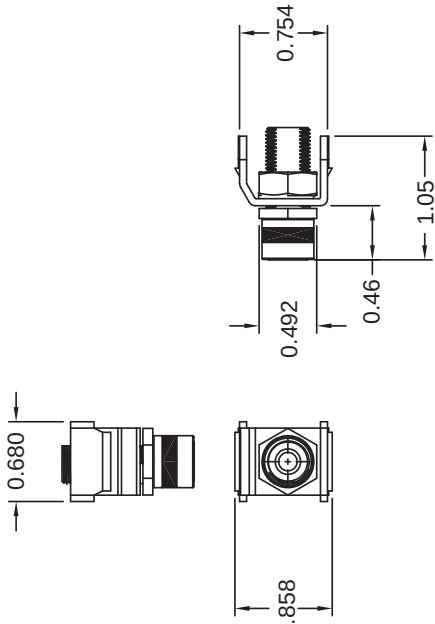
Termination Instructions

Installation Tips

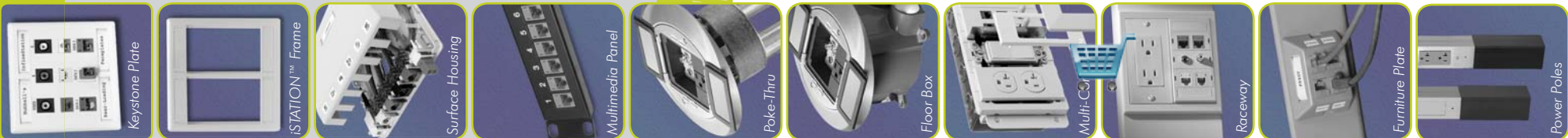
Important: Always allow for clearance behind connection location to ensure for proper bend radius.
Gold Plating: Gold plating encapsulates the connectors base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent (signal) conductive path over Nickel (3x), which is closer to copper it’s transmitting over.

Cable Type: Cable Type: 14-24 AWG stranded.

Dimensions



Connector Depth

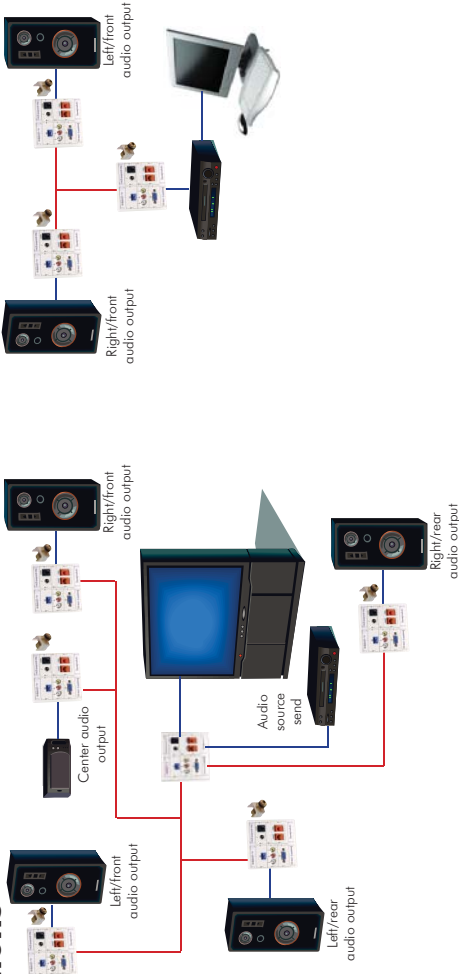


Connector Specifications

Connector Term

Speaker Post: Binding post is a connector commonly used on loudspeakers and audio amplifiers as well as other electrical equipment. A binding post contains a central threaded metal rod and a cap that screws down on that rod.
Banana Plug: Is a single-wire (one conductor) male electrical connector used for joining wires to equipment. Commonly used on the cables connecting audio equipment, amplifiers or receivers to the loudspeakers or home sound systems
Color-Code:
Red: + positive
Black: - negative

Typical Applications



Applications Supported: Home theater, Surround sound systems, Entertainment systems, Speaker connections.

AV Connectors, Stereo Jacks

3.5mm Stereo Jack, FF



Hubbell’s 3.5mm Stereo Jack is the perfect solution for distributing audio signal to-and-from components. Today’s computers and portable electronic devices have standardized on the 3.5mm stereo jack for audio and microphone inputs and outputs. Having this style connection in the work area has become a requirement. Requiring no soldering, these connectors install with a “snap” and provide a quick plug in style termination. Hubbell’s 3.5mm Stereo Jacks are available in 7 standard Hubbell colors and flush mount into all iSTATION™ plates, modules, frames, surface housings, and UDX iSTATION™ multimedia panels.

Create a customized multimedia work station by adding a 3.5mm Stereo Jack along with Hubbell’s other AV modules or XCELERATOR™ jacks.

Order Information		
Finish	1-pack Catalog No.	Bulk 10-pack Catalog No.
Nickel	SF35FFXX	35FFXX
Gold	SF35GFFXX	

XX = Housing Colors					
Almond	Black	Electric Ivory	Gray	Light Almond	Office White
				Telco Ivory	White

Audio Video Connectors • Work Station Solutions • Metal Raceway • Fire-Rated Poke-Throughs • Multimedia Panels • Face Plates • Modular Frames • BNC Connectors • SystemOne Floor Boxes • Furniture Plates • iSTATION™ face plate with 3.5mm Stereo Jack AV connector

Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- Standard 3.5mm Stereo Jack.
- Use with Mono and Stereo Audio Applications.

Performance Specifications

- Connector:**
 - Body: Brass
 - Plating: Nickel 100µ”
- Material:**
 - Housing: Flame Retardant Polymer (UL 94V-0)

Termination Instructions

Installation Tips

Important: Always allow for clearance behind connection location to ensure for proper bend radius.
Gold Plating: Gold plating encapsulates the base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent conductive path over nickel, which is closer to copper it’s transmitting over.

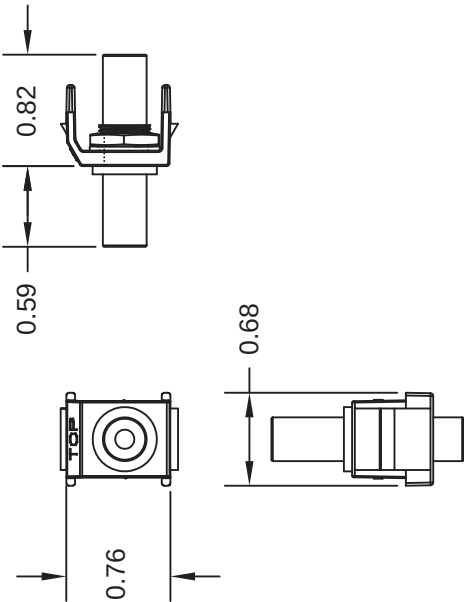
Cable Type: Standard 3.5mm stereo patch cord or field-configurable plug with 22-30 AWG 2 conductor, with shield (served bare copper shield preferred).



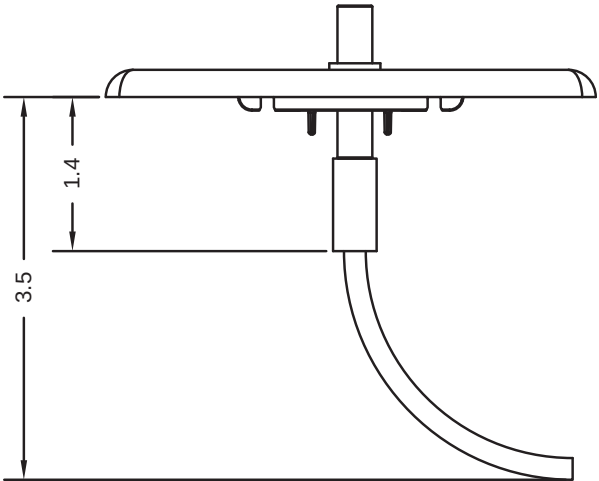
14 Lord’s Hill Road • Stonington, CT 06378 • Tel: (860) 535-8326 • Fax: (860) 535-8328



Dimensions



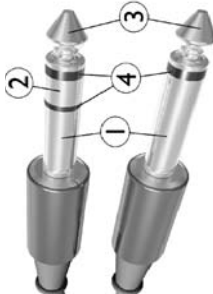
Connector Depth



Fire-Rated Poke-Throughs • Multimedia Panels • Face Plates • Modular Frames • BNC Connectors • SystemOne Floor Boxes • Furniture Plates • iSTATION™ face plate with 3.5mm Stereo Jack AV connector • Metal Raceway • Fire-Rated Poke-Throughs • Multimedia Plates • Modular Frames • BNC Connectors • SystemOne Floor Boxes • Furniture Plates • iSTATION™ face plate with 3.5mm Stereo Jack AV connector • Metal Raceway • Fire-Rated Poke-Throughs • Multimedia Plates • Modular Frames • BNC Connectors • SystemOne Floor Boxes • Furniture Plates • iSTATION™ face plate with 3.5mm Stereo Jack AV connector

Connector Specifications

- Sleeve: usually ground.
- Ring: Right channel for stereo signals, negative phase for balanced mono signals.
- Tip: Left channel for stereo signals, positive phase for balanced mono signals, signal line for unbalanced mono signals.
- Insulating rings.

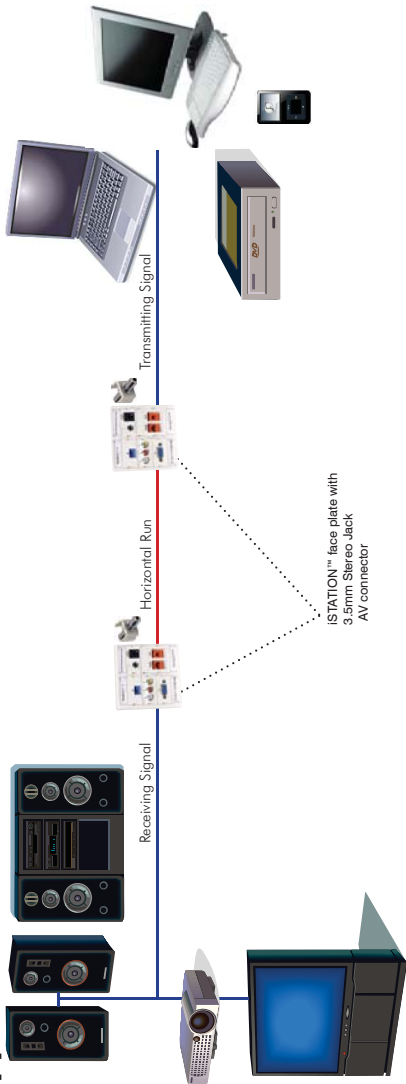


Unbalanced	Balanced	Stereo
Tip	Signal	Positive "Hot"
Ring	Not available	Negative "Cold"
Sleeve	Ground Return	Ground

Connector Term

3.5mm Stereo Connections - TS and TRS (phono style jacks and plugs) connections are available in three standard sizes 1/4", 3.5mm or miniature and 2.5mm or subminiature. The 3.5mm is also referred to as 1/8" stereo jack. All three sizes are available in common two-conductor (mono) and three-conductor (stereo or tip ring sleeve) versions. A four conductor version of the 3.5mm plug is used for certain output applications for compact camcorders, providing stereo audio and video signal. This interface is also seen on some laptop computers.

Typical Applications



Applications Supported: Laptop and desktop computers, Projectors and flat panel monitors, CD/DVD/DVR/MP3/media players and game machines, PDAs and mobile devices.



AV Connectors, S-Video

110 Termination

Hubbell's S-Video 110 connectors deliver high quality video to any work station or transmitting/receiving device. The S-Video 110 connectors utilize UTP cable (category 3, 5, 5e, 6, 6A) to deliver video signals within a horizontal point-to-point run.

Requiring no soldering, these connectors install with a snap into any **iSTATION™** product, module, frame, surface housing, Hubbell Deliv products including poke throughs and surface raceway, or **iSTATION** multimedia panels to distribute video signal.

Create a customized multimedia workstation by adding a S-Video connector along with Hubbell's extensive line of AV connectors, loaded modules and **XCELERATOR™** jacks.

Order Information

Housing Color Catalog No.
Black **SFSV110B**



Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- High Quality Video Signals.
- 110-Style Termination (UTP).

Performance Specifications

- ◆ **Body:** Brass
- ◆ **Plating:** Nickel 100μ" Nickel over Phosphorus
- ◆ **Contact:** Bronze
- ◆ **Performance:**
 - Distance: Maximum 100 Feet
 - Mating Cycles: 500+
- ◆ **Material:** Flame Retardant Polymer (UL 94V-0)
- ◆ **Signal Transmitted:**
 - Luminance signal (Y)
 - Chrominance signal (C)

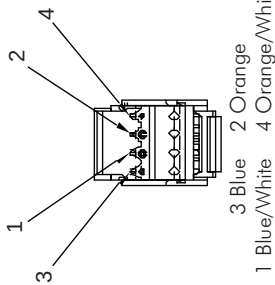
Termination Instructions

Installation Tips

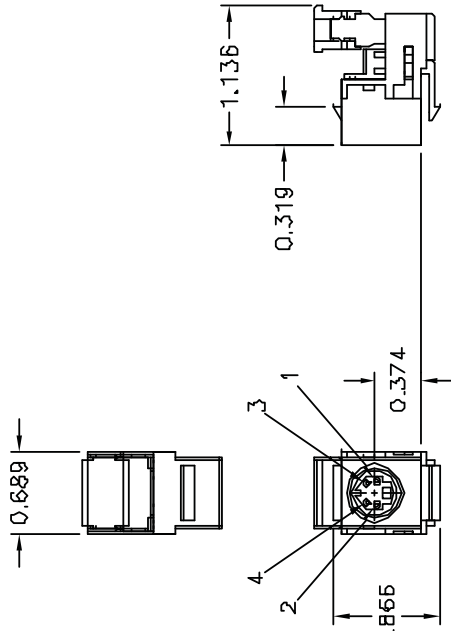
Termination: Station cable side of connection is a 110 style punch down. Simply lace in pair 1 and pair 2 from left to right on the IDC block. For example pair 1 (the blue pair) use the (pin 3) blue conductor and then (pin 1) Blue/White, (pin 2) Orange, (pin 4) Orange/White. The key practice is to use the same pair/pairs on each side of the horizontal run.

Important: Use the same pair color combinations for each application (Composite, Component, Left and Right Audio, 3.5mm & S-Video).

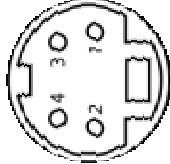
Cable Type: 110 IDCs: 24 AWG UTP Cat 3, 5, 5e, 6, 6A. S-Video: Male S-Video plug (patch cord).



Dimensions



Connector Specifications



Front nose view

Pin	Name	Description
1	GND	Ground Y
2	GND	Ground C
3	Y	Intensity (Luminance)
4	C	Color (Chrominance)

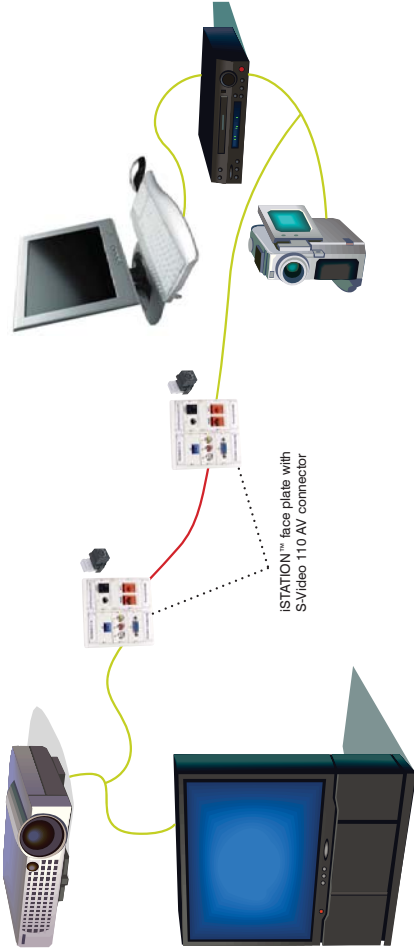
Connector Term

S-Video or Y/C - is designed to transmit video information by dividing the signal into two separate signals, (Chrominance) for color, and (Luminance) for brightness. This process increases clarity and sharpness. By separating the two signals it prevents the signal from color bleeding and/or dot crawling.

Chrominance "C", this is the color portion of a video signal carrying the saturation and tint (hue).

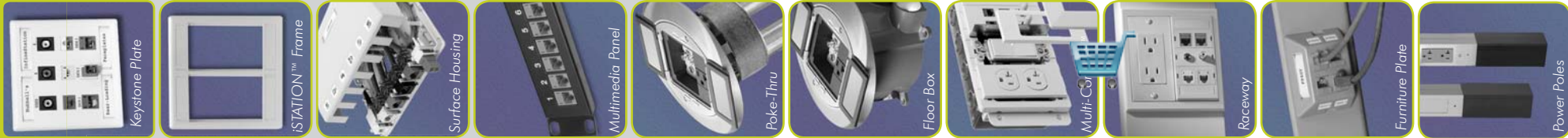
Luminance "Y", this is the black and white portion of a video signal, which carries the information for brightness, darkness (ranging from pure black to pure white) and contrast.

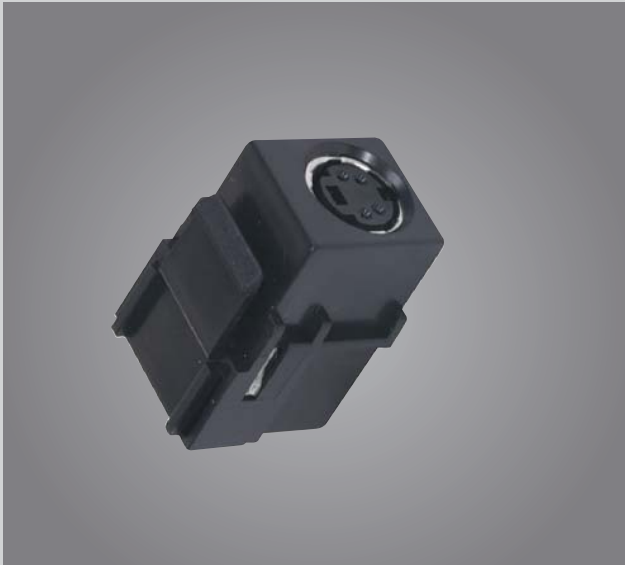
Typical Applications



Applications Supported:

Applications Supported: Video Distribution: TV, cable, satellite; DVD players, game consoles, graphics cards; Cameras, camcorders, projectors; Home theater and entertainment systems.





Hubbell’s S-Video couplers deliver high quality video to any work station or transmitting/receiving device. The S-Video coupler utilize standard 4-pin DIN connectors, either pre-terminated as a patch cord or field attachable customized in the field.

Requiring no soldering, these connectors install with a snap into any iSTATION™ product, module, frame, surface housing, Hubbell Delivery System products including poke throughs and surface raceway, or iSTATION™ UDX multimedia panels to distribute video signals.

Create a customized multimedia workstation by adding a S-Video connector along with Hubbell’s extensive line of AV connectors, loaded modules and XCELERATOR™ jacks.

Order Information	
Housing Color	Catalog No.
Black	SFSVBK

Features/Benefits

- Seamless Hubbell System Integration.
- Universal Keystone Design fits into all Hubbell Products.
- High Quality Video Signals.
- Feed-thru Coupler.

Performance Specifications

- Body: Brass
- Plating: Nickel 100μ”
- Pin: Brass-Nickel Plated
- Performance: Mating Cycles: 500 +
- Impedance: S-Video female connector: 75 Ohms.
- Material: Housing: Flame Retardant Polymer (UL 94V-0)
- Signal Transmitted:
 - Luminance signal (Y)
 - Chrominance signal (C)

Termination Instructions

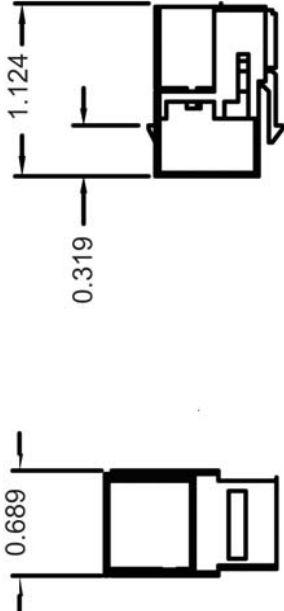
Installation Tips

Termination: The S-Video coupler utilize standard 4-Pin DIN connectors, either pre-terminated as a patch cord or field attachable connector customized in the field.

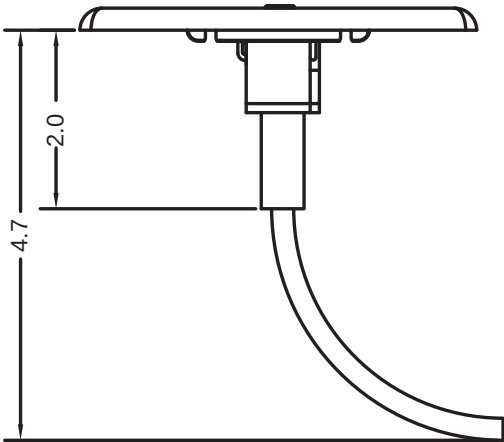
Important: Always allow for clearance behind connection location to ensure for proper bend radius.

Cable Type: S-Video - Male S-Video Plug (Patch Cord).

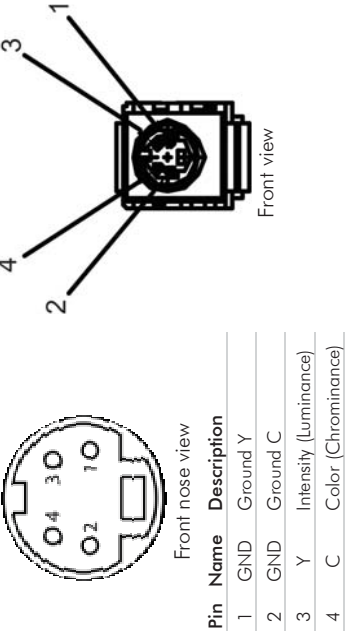
Dimensions



Connector Depth



Connector Specifications



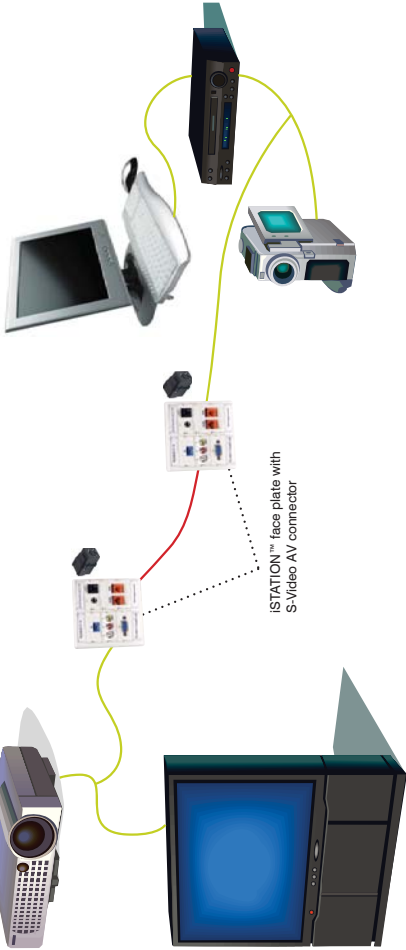
Connector Term

S-Video or Y/C - is designed to transmit video information by dividing the signal into two separate signals, (Chrominance) for color, and (Luminance) for brightness. This process increases clarity and sharpness. By separating the two signals it prevents the signal from color bleeding and/or dot crawling.

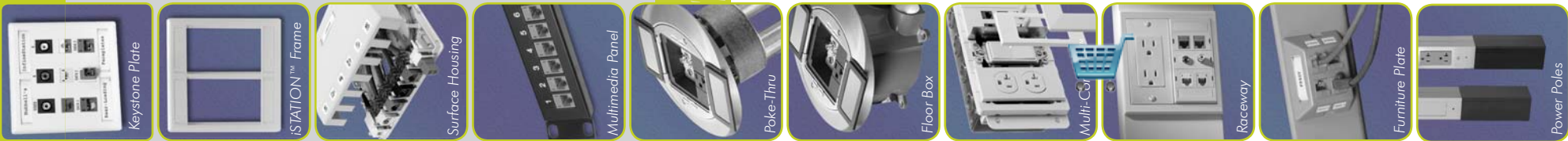
Chrominance “C”, this is the color portion of a video signal carrying the saturation and tint (hue).

Luminance “Y”, this is the black and white portion of a video signal, which carries the information for brightness, darkness (ranging from pure black to pure white) and contrast.

Typical Applications



Applications Supported: Video Distribution: TV, cable, satellite; DVD players, game consoles, graphics cards; Cameras, camcorders, projectors; Home theater and entertainment systems.



AV Connectors, Plug-n-Play VGA Connections

15-pin to 8-pin, Angled 45° AV Connector

Hubbell's **iSTATION™** Plug-n-Play VGA high-density DB15 connections provide the industry's fastest terminating video connection. The high performance, high quality video connection is designed for minimal signal loss delivering a transparent video stream to the viewing device.

The **iSTATION™** Plug-n-Play VGA is just that, plug it in and walk away. These connectors take the termination out of the installation, saving valuable time and labor on the job site. The VGA connector comes in various connector and horizontal run configurations to adapt to any VGA video application. Each horizontal VGA run is factory tested and terminated, ensuring video integrity, repeatability and consistency. Providing flexibility and ease-of-use for multimedia applications, our **iSTATION™** Plug-n-Play VGA connectors fit into a high-density **iSTATION™** module which is 1 unit in size, allowing for 3 units to fit in a single gang **iSTATION™** faceplate.

Order Information

Description	Catalog No.
15-pin to 8-pin, Angled 45°, 10-pack	15A6P10
15-pin to 8-pin, Angled 45°, 1-pack	15A6P1
Description	Catalog No.
HD 15-pin Opening, Unloaded, 1 Unit	IMBD51XX

Housing Colors

	Almond
	Black
	Electric Ivory
	Gray
	Light Almond
	Office White
	Telco Ivory
	White

Features/Benefits

- iSTATION™ system integration.
- Easy plug-n-play installation.
- Zero termination.
- Multiple configurations supports different applications.
- Over-molding provides connector safety and protection of the plate.
- Saves valuable time on installation.

Performance Specifications

- ◆ Connector:
 - 15-pin PCB Mount
 - 15-pin Contact: Gold Plated 2 micro inch
 - 8-pin PCB Mount
 - Pin Brass-Nickel Plated
- ◆ Module Material:
 - Module: Flame Retardant Polymer
 - UL Rated: 94 V-0
- ◆ Performance:
 - UXGA: 1600 x 1200 pixels

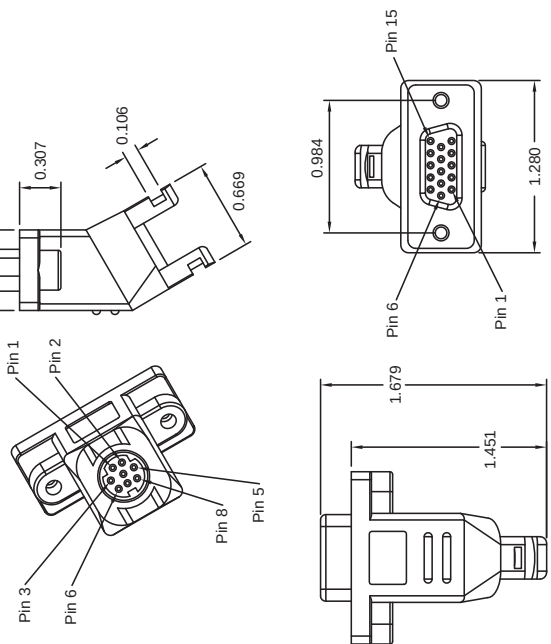
Termination Instructions

Installation Tips

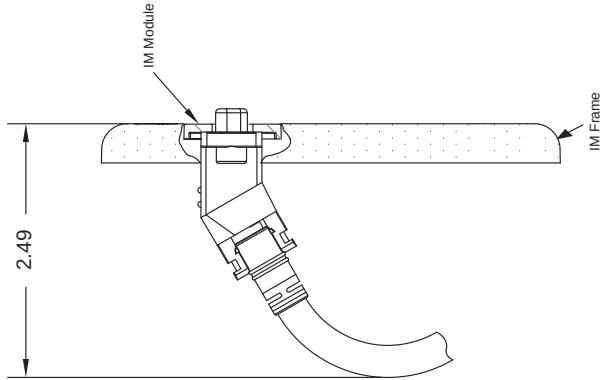
Important: Always allow for clearance behind connection location to ensure for proper bend radius (see page 2 for connector details). Bring cable to the back of the HD-15 connector and plug directly into the 8-pin DIN connection. Even though the connector snaps onto the cable we recommend using a wire tie to ensure stability.

Cable Type: 30 AWG 75 Ohm, 5 mini Coax: Plenum; 3 mini Coax w/Twisted Pair: non-plenum factory-terminated.

Dimensions



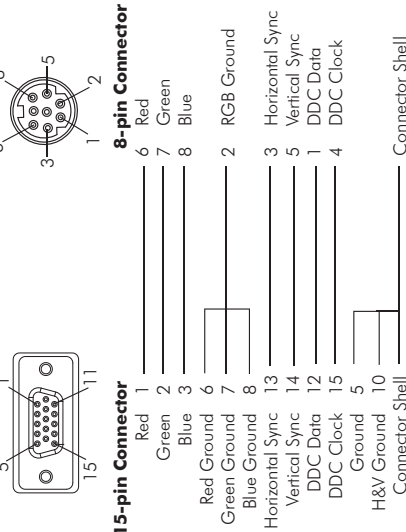
Connector Depth



Features/Benefits

- iSTATION™ system integration.
- Easy plug-n-play installation.
- Zero termination.
- Multiple configurations supports different VGA requirements.
- Over-molding provides connector strain relief behind the plate.
- Saves valuable time on installation.

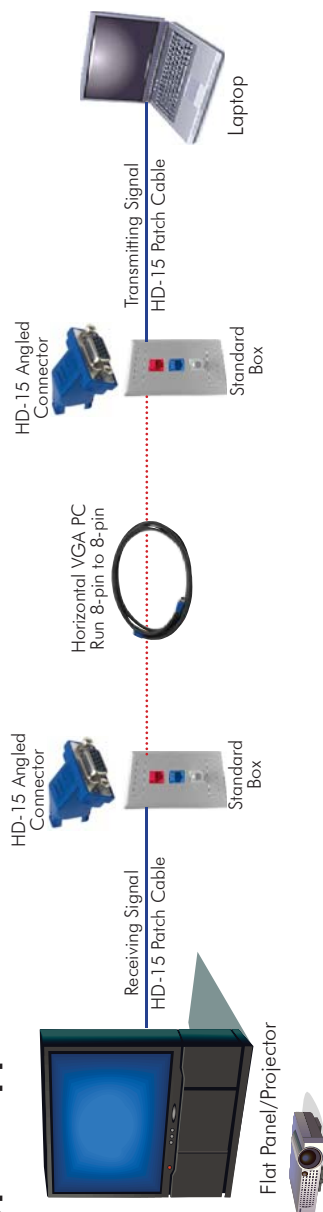
Connector Specifications



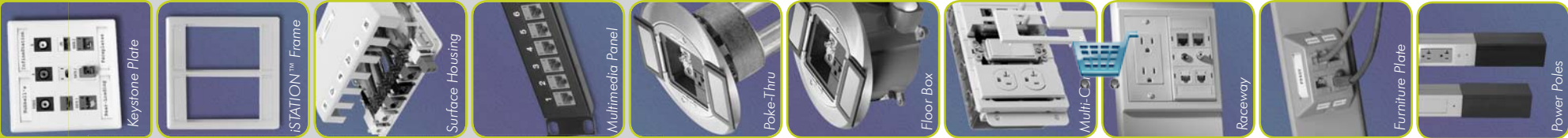
Connector Term

The common 15-pin VGA connector found on most video cards, computer monitors, flat panels, projectors, and other component video devices. It is universally called "HD-15". HD stands for "high-density", which distinguishes it from connectors having the same (form factor) number of pins. "VGA connectors" and their associated cabling are almost always used solely to carry analog component RGBHV (red-green-blue-horizontal sync-vertical sync) video signals along with DDC2 digital clock and data.

Typical Applications



Applications Supported: Desktop computers, laptop computers, flat panel televisions, monitors and projectors.



AV Connectors, Plug-n-Play VGA Connections

15-pin to 8-pin, Angled 90° AV Connector

Hubbell's **iSTATION™** Plug-n-Play VGA high-density DB15 connections provide the industry's fastest terminating video connection. The high performance, high quality video connection is designed for minimal signal loss delivering a transparent video stream to the viewing device.

The **iSTATION™** Plug-n-Play VGA is just that, plug it in and walk away. These connectors take the termination out of the installation, saving valuable time and labor on the job site. The VGA connector comes in various connector and horizontal run configurations to adapt to any VGA video application. Each horizontal VGA run is factory tested and terminated, ensuring video integrity, repeatability and consistency. Providing flexibility and ease-of-use for multimedia applications, our **iSTATION™** Plug-n-Play VGA connectors fit into a high-density **iSTATION™** module which is 1 unit in size, allowing for 3 units to fit in a single gang **iSTATION™** faceplate.

Order Information

Description	Catalog No.
15-pin to 8-pin, Angled 90°, 10-pack	15N6P10
15-pin to 8-pin, Angled 90°, 1-pack	15N6P1
Description	Catalog No.
HD 15-pin Opening, Unloaded, 1 Unit	IMBD51XX

Housing Colors

	Almond
	Black
	Electric Ivory
	Gray
	Light Almond
	Office White
	Telco Ivory
	White

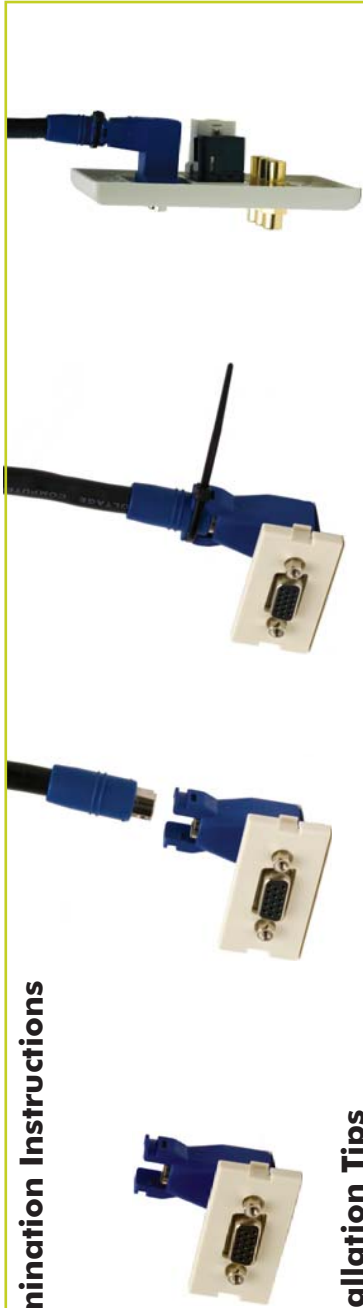
Features/Benefits

- iSTATION™ system integration.
- Easy plug-n-play installation.
- Zero termination.
- Multiple configurations supports difficult applications.
- Over-molding provides connector strength and protection from the plate.
- Saves valuable time on installation.

Performance Specifications

- ◆ Connector:
15-pin PCB Mount
 - 15-pin Contact: Gold Plated 2 micro inch
- ◆ 8-pin PCB Mount
 - Pin Brass-Nickel Plated
- ◆ Module Material:
Module: Flame Retardant Polymer
UL Rated: 94 V-0
- ◆ Performance:
UXGA: 1600 x 1200 pixels

Termination Instructions

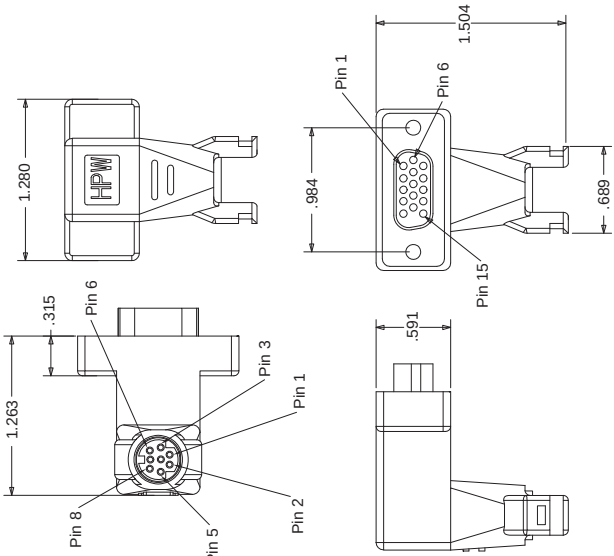


Installation Tips

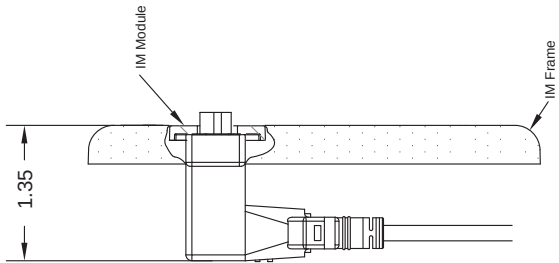
Important: Always allow for clearance behind connection location to ensure for proper bend radius (see page 2 for connector details). Bring cable to the back of the HD-15 connector and plug directly into the 8-pin DIN connection. Even though the connector snaps onto the cable we recommend using a wire tie to ensure stability.

Cable Type: 30 AWG 75 Ohm, 5 mini Coax: Plenum; 3 mini Coax w/Twisted Pair: non-plenum factory-terminated.

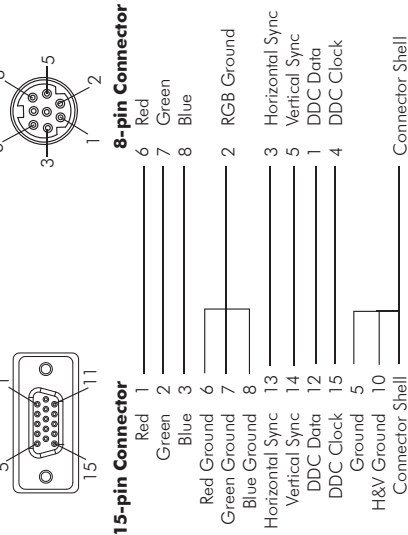
Dimensions



Connector Depth



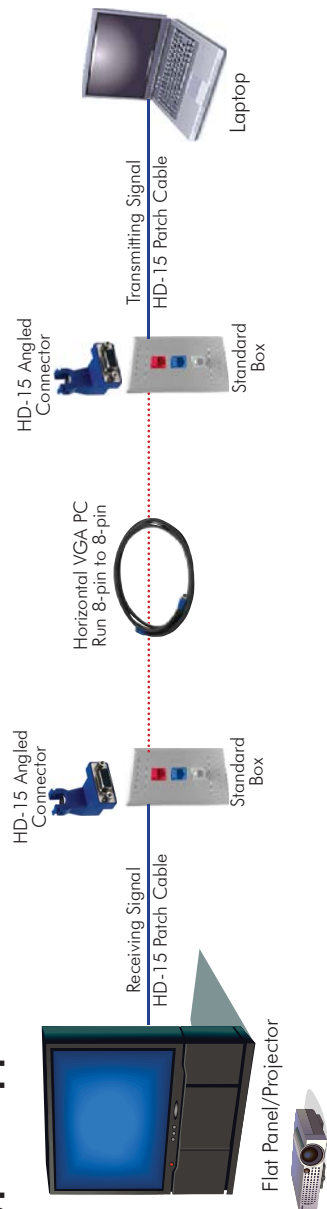
Connector Specifications



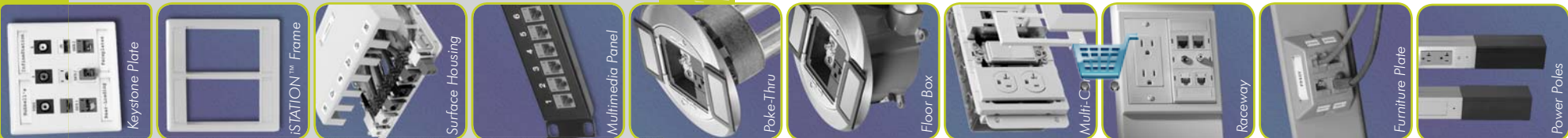
Connector Term

The common 15-pin VGA connector found on most video cards, computer monitors, flat panels, projectors, and other component video devices. It is universally called "HD-15". HD stands for "high-density", which distinguishes it from connectors having the same (form factor) number of pins. "VGA connectors" and their associated cabling are almost always used solely to carry analog component RGBHV (red-green-blue-horizontal sync-vertical sync) video signals along with DDC2 digital clock and data.

Typical Applications



Applications Supported: Desktop computers, laptop computers, flat panel televisions, monitors and projectors.



AV Connectors, Plug-n-Play VGA Connections

15-pin to 8-pin, Straight 180° AV Connector

Hubbell's iSTATION™ Plug-n-Play VGA high-density DB15 connections provide the industry's fastest terminating video connection. The high performance, high quality video connection is designed for minimal signal loss delivering a transparent video stream to the viewing device.

The iSTATION™ Plug-n-Play VGA is just that, plug it in and walk away. These connectors take the termination out of the installation, saving valuable time and labor on the job site. The VGA connector comes in various connector and horizontal run configurations to adapt to any VGA video application. Each horizontal VGA run is factory tested and terminated, ensuring video integrity, repeatability and consistency. Providing flexibility and ease-of-use for multimedia applications, our iSTATION™ Plug-n-Play VGA connectors fit into a high-density iSTATION™ module which is 1 unit in size, allowing for 3 units to fit in a single gang iSTATION™ faceplate.

Order Information

Description	Catalog No.
15-pin to 8-pin, Straight 180°, 10-pack	15S6P10
15-pin to 8-pin, Straight 180°, 1-pack	15S6P1
Description	Catalog No.
HD 15-pin Opening, Unloaded, 1 Unit	IMBDS1XX

Housing Colors

Almond

Black

Electric Ivory

Gray

Light Almond

Office White

Telco Ivory

White



Features/Benefits

- iSTATION™ system integration.
- Easy plug-n-play installation.
- Zero termination.
- Multiple configurations supports different VGA requirements.
- Over-molding provides connector strain relief behind the plate.
- Saves valuable time on installation.

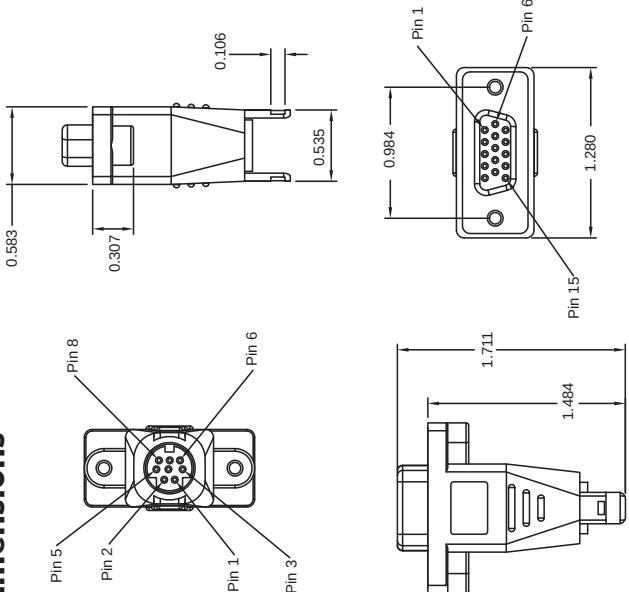
Termination Instructions

Installation Tips

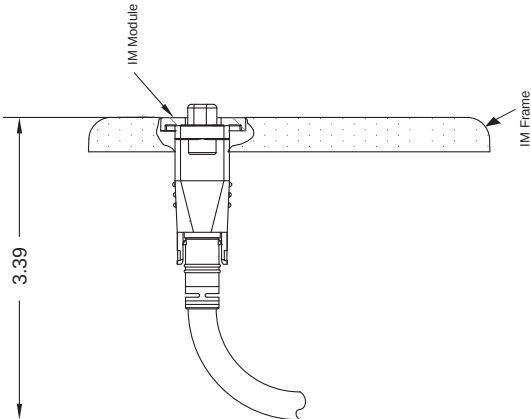
Important: Always allow for clearance behind connection location to ensure for proper bend radius (see page 2 for connector details). Bring cable to the back of the HD-15 connector and plug directly into the 8-pin DIN connection. Even though the connector snaps onto the cable we recommend using a wire tie to ensure stability.

Cable Type: 30 AWG 75 Ohm, 5 mini Coax: Plenum; 3 mini Coax w/Twisted Pair: non-plenum factory-terminated.

Dimensions



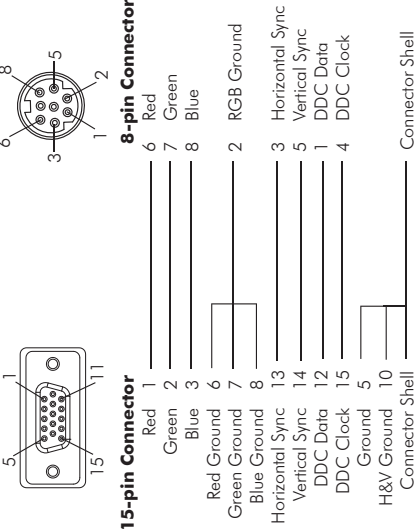
Connector Depth



Performance Specifications

- Connector:
 - 15-pin PCB Mount
 - 15-pin Contact: Gold Plated 2 micro inch
- 8-pin PCB Mount
 - Pin Brass-Nickel Plated
- Module Material:
 - Module: Flame Retardant Polymer
 - UL Rated: 94 V-0
- Performance:
 - UXGA: 1600 x 1200 pixels

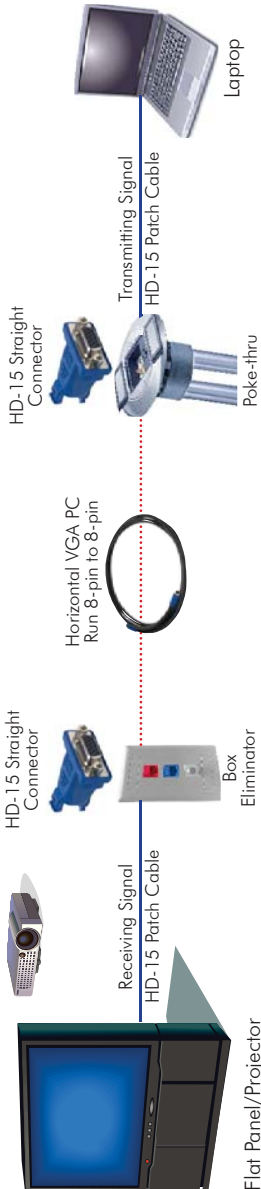
Connector Specifications



Connector Term

The common 15-pin VGA connector found on most video cards, computer monitors, flat panels, projectors, and other component video devices. It is universally called "HD-15". HD stands for "high-density", which distinguishes it from connectors having the same (form factor) number of pins. "VGA connectors" and their associated cabling are almost always used solely to carry analog component RGBHV (red-green-blue-horizontal sync-vertical sync) video signals along with DDC2 digital clock and data.

Typical Applications



Applications Supported: Desktop computers, laptop computers, flat panel televisions, monitors and projectors.

AV Connectors, Plug-n-Play VGA Connections

15-pin to 8-pin, 8" Tail AV Connector

Hubbell's **iSTATION™** Plug-n-Play VGA high-density DB15 connections provide the industry's fastest terminating video connection. The high performance, high quality video connection is designed for minimal signal loss delivering a transparent video stream to the viewing device.

The **iSTATION™** Plug-n-Play VGA is just that, plug it in and walk away. These connectors take the termination out of the installation, saving valuable time and labor on the job site. The VGA connector comes in various connector and horizontal run configurations to adapt to any VGA video application. Each horizontal VGA run is factory tested and terminated, ensuring video integrity, repeatability and consistency. Providing flexibility and ease-of-use for multimedia applications, our **iSTATION™** Plug-n-Play VGA connectors fit into a high-density **iSTATION™** module which is 1 unit in size, allowing for 3 units to fit in a single gang **iSTATION™** faceplate.

Order Information

Description	Catalog No.
15-pin to 8-pin, 8" Tail, 10-pack	15T6P10
15-pin to 8-pin, 8" Tail, 1-pack	15T6P1
Description	Catalog No.
HD 15-pin Opening, Unloaded, 1 Unit	IMBDS1XX

Housing Colors

	White
	Telco Ivory
	Office White
	Light Almond
	Gray
	Electric Ivory
	Black
	Almond

Features/Benefits

- iSTATION™ system integration.
- Easy plug-n-play installation.
- Zero termination.
- Multiple configurations supports different applications.
- Over-molding provides connector safety the plate.
- Saves valuable time on installation.

Performance Specifications

- ◆ **Connector:**
 - 15-pin PCB Mount
 - 15-pin Contact: Gold Plated 2 micro inch
- ◆ **8-pin PCB Mount**
 - Pin Brass-Nickel Plated
- ◆ **Module Material:**
 - Module: Flame Retardant Polymer
 - UL Rated: 94 V-0
- ◆ **Performance:**
 - UXGA: 1600 x 1200 pixels

Termination Instructions

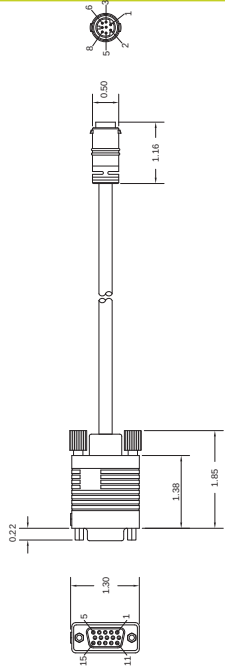
Installation Tips

Important: Always allow for clearance behind connection location to ensure for proper bend radius (see page 2 for connector details). Bring cable to the back of the HD-15 connector and plug directly into the 8-pin DIN connection. Even though the connector snaps onto the cable we recommend using a wire tie to ensure stability.

Cable Type: 30 AWG 75 Ohm, 5 mini Coax: Plenum; 3 mini Coax w/Twisted Pair: non-plenum factory-terminated.



Dimensions



Connector Depth

Connector Specifications



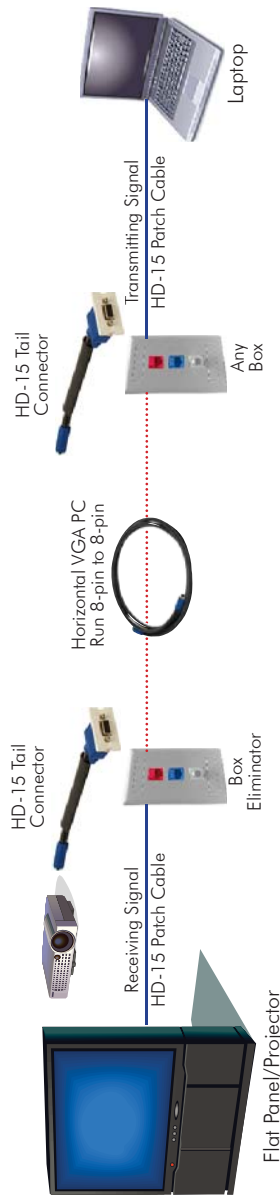
15-pin Connector

1	Red	6	Red
2	Green	7	Green
3	Blue	8	Blue
4			
5			
6	Red Ground	2	RGB Ground
7	Green Ground		
8	Blue Ground		
9			
10	Horizontal Sync	3	Horizontal Sync
11	Vertical Sync	5	Vertical Sync
12	DDC Data	1	DDC Data
13			
14	DDC Clock	4	DDC Clock
15			
16	Ground		
17			
18	H&V Ground	10	Connector Shell
19	Connector Shell		

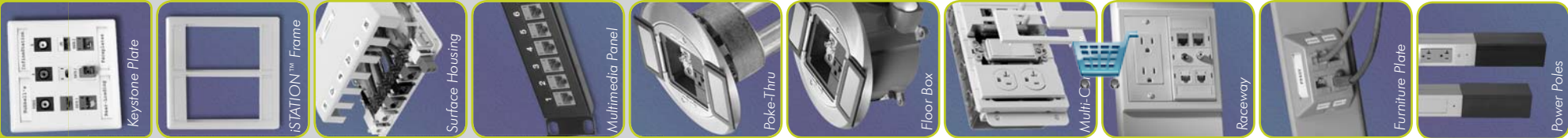
Connector Term

The common 15-pin VGA connector found on most video cards, computer monitors, flat panels, projectors, and other component video devices. It is universally called "HD-15". HD stands for "high-density", which distinguishes it from connectors having the same (form factor) number of pins. "VGA connectors" and their associated cabling are almost always used solely to carry analog component RGBHV (red-green-blue-horizontal sync-vertical sync) video signals along with DDC2 digital clock and data.

Typical Applications



Applications Supported: Desktop computers, laptop computers, flat panel televisions, monitors and projectors.



110 S-Video, RCA Audio

Hubbell's iSTATION™ 110 RCA/S-Video modules deliver high quality A/V signals to any workstation or transmitting/receiving device. The RCA/S-Video 110 modules utilize UTP cable (Category 3, 5, 5e, 6, 6A) to deliver S-video/audio signals within a horizontal point-to-point run.

iSTATION™ RCA/S-Video 110 modules are available in 7 standard colors and front loads into any iSTATION™ product, Hubbell Delivery System products including poke-throughs and surface raceway, or UDX multimedia panels to distribute S-Video/audio signals. Requiring no soldering, these connectors install with a snap.

Create a customized multimedia work station by adding an iSTATION™ RCA/S-Video 110 module along with Hubbell's extensive line of AV connectors, loaded modules and XCELERATOR™ jacks.



Order Information

Description	Catalog No.
RCA (2) S-Video, 110-Style Termination Module	IMSR1101XX

Module Colors

Almond	Black	Electric Ivory	Gray	Light Almond	Office White	Telco Ivory	White
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Features/Benefits

- iSTATION™ Front-Loading Footprint.
- Seamless Hubbell System Integration.
- Transmit Quality Audio/Video Signals.
- 110-Style Termination (UTP).

Performance Specifications

- Connector Body: Brass.
- Plating: Nickel 100µ"
- Contact: Nickel over Phosphorous Bronze
- Performance :
 - Distance: Maximum 100'
 - S-Video: Maximum 100'
 - Audio RCA: Maximum 100'
 - Mating Cycles: 500+
- Material: Flame-retardant Polymer UL 94V-0.
- Module: Red and White.
- Insulator Color: Red and White.

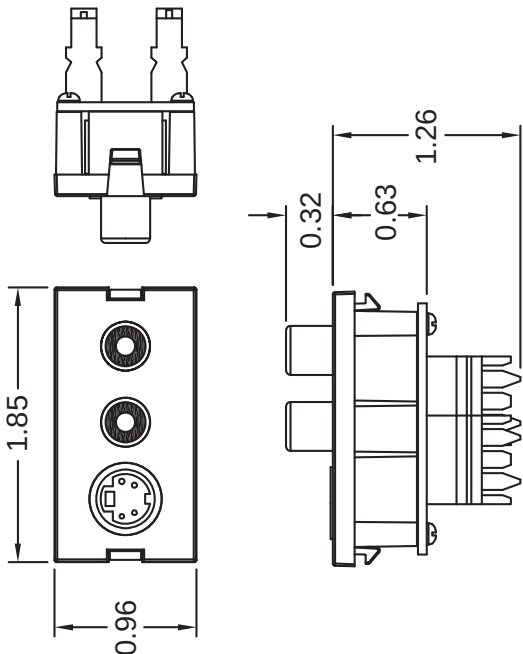
Termination Instructions

Installation Tips

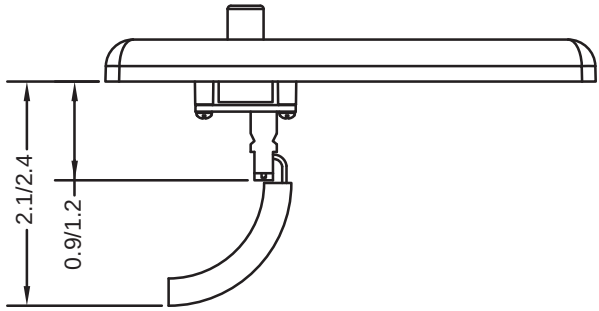
Termination: Station side of connection is a 110 style punch down. Place the module into the termination puck before lacing/termination for stability. Simply lace in pair 1 and 2 S-Video and pair 3 and 4 Composite Audio of UTP into the designated areas of the 110 IDC block. The key practice is to use the same pair/pairs on each side of the horizontal run. Also use the same pair color combinations for each application (Composite, Component, Left and Right Audio, 3.5mm and S-Video).

Cable Type: 110 IDC's: 24 AWG UTP; Cat 3, 5, 5e, 6, 6A. RCA: Male RCA Plug (Patch Cord). S-Video: Male S-Video Plug (Patch Cord).

Dimensions



Connector Depth



Connector Term

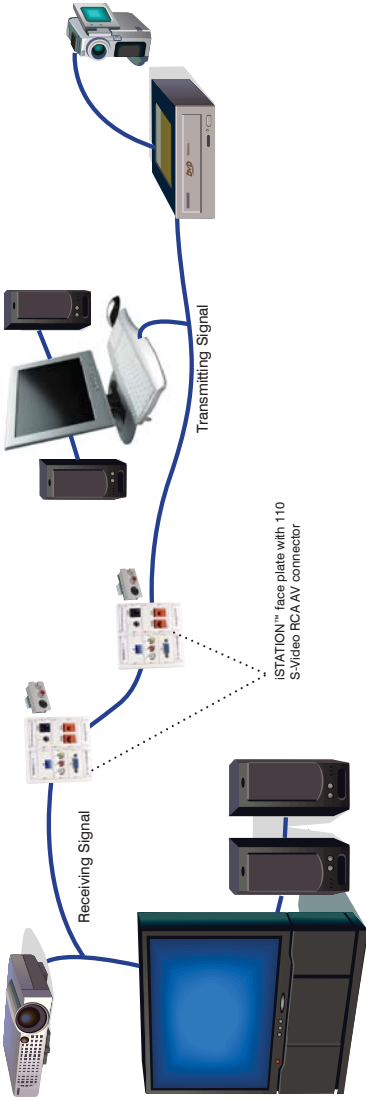
RCA Connector: The standard connector used in line-level consumer and studio sound equipment. RCA connectors supply unbalanced signal and are used in almost all systems and between almost all audio/video components. They are used for interconnecting Composite, Component and Digital coaxial audio video signals.

S-Video or Y/C: is designed to transmit video information by dividing the signal into two separate signals, (Chrominance) for color, and (Luminance) for brightness. This process increases clarity and sharpness. By separating the two signals it prevents the signal from color bleeding and/or dot crawling.

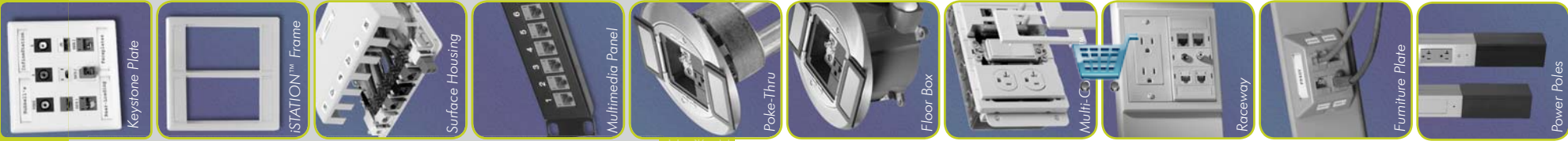
Connector Specifications

Color	Audio	Video
Red	Right Signal	Component - Red (Pr/Cr)
White	Left Signal	
Yellow		Composite
Blue		Component - Blue (Pb/Cb)
Green		Component - Green (Y)
Black	Mono/Right	
Orange	Digital (S/PDIF)	Digital (S/PDIF)

Typical Applications



Applications Supported: S-Video and stereo audio distribution. TV, CCTV, CATV and satellite. Home theater and entertainment systems. Cameras, camcorders and projectors. Security and surveillance systems.



110 RCA, Component Video

Hubbell's iSTATION™ 110 Component RCA modules deliver high quality HD Video signals to any workstation or transmitting/receiving device. The Component RCA 110 modules utilize UTP cable (category 3, 5, 5e, 6, 6A) to deliver component video signals within a horizontal point-to-point run.

iSTATION™ Component RCA 110 modules are available in 7 standard colors and front loads into any iSTATION™ product, Hubbell Delivery System products including poke-throughs and surface raceway or UDX iSTATION™ multimedia panels to distribute composite signals. Requiring no soldering, these connectors install with a snap.

Create a customized multimedia work station by adding an iSTATION™ 110 Component RCA module along with Hubbell's extensive line of AV connectors, loaded modules and XCELERATOR™ jacks.



Order Information

Description	Catalog No.
RCA (3) Component, 110-Style Module	IMCR1101XX

Module Colors

Almond	Black	Electric Ivory	Gray	Light Almond	Office White	Telco Ivory	White
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Features/Benefits

- iSTATION™ Front-Loading Footprint.
- Seamless Hubbell System Integration.
- Transmit HD Video Signals.
- 110-Style Termination (UTP).

Performance Specifications

- Connector:**
 - Connector Body: Brass.
 - Plating: Nickel 100µ"
 - Contact: Nickel over Phosphorous Bronze
- Performance:**
 - Distance: Component Video: Maximum 75'
 - Mating Cycles: 500+
- Material:**
 - Module: Flame-retardant Polymer UL 94V-0.
- Insulator Color:** Red, Green and Blue.

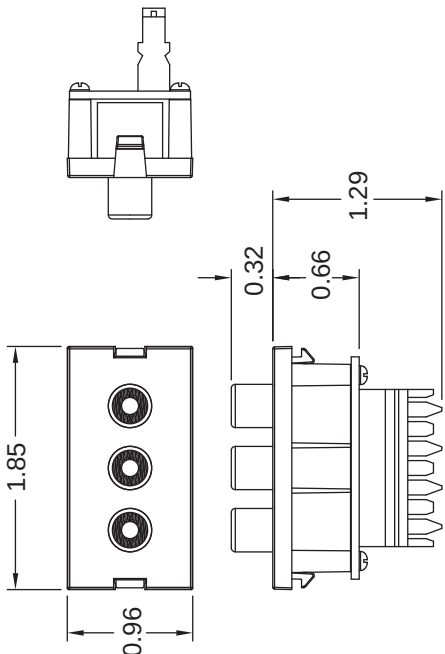
Termination Instructions

Installation Tips

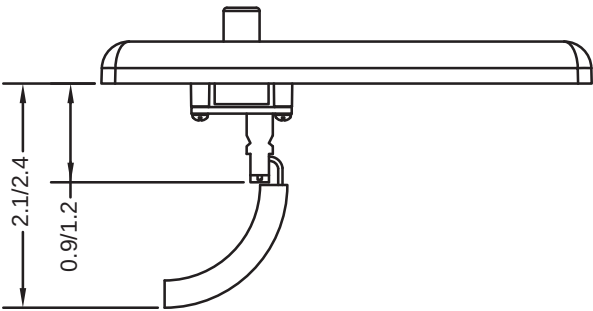
Termination: IDC side of connection is a 110 style punch down. Place the module into the termination puck before lacing/termination for stability. Simply lace in pair 1, 2 and 4 of UTP into the designated areas of the 110 IDC block. The key practice is to use the same pair/pairs on each side of the horizontal run. Also use the same pair color combinations for each application (Composite, Component, Left and Right Audio, 3.5mm and S-Video).

Cable Type: 110 IDC's: 24 AWG UTP, Cat 3, 5, 5e, 6, 6A. RCA: Male RCA Plug (patch cord).

Dimensions



Connector Depth



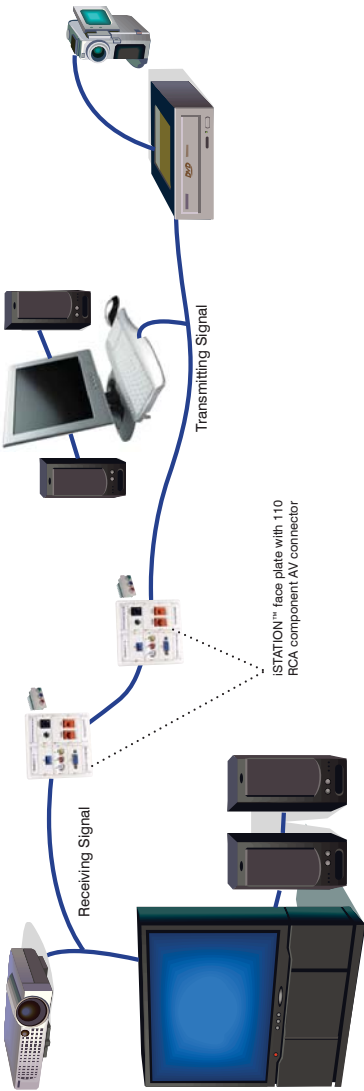
Connector Term

RCA Connector: The standard connector used in line-level consumer and studio sound equipment. RCA connectors supply unbalanced signal and are used in almost all systems and between almost all audio/video components. They are used for interconnecting Composite, Component and Digital coaxial audio video signals.

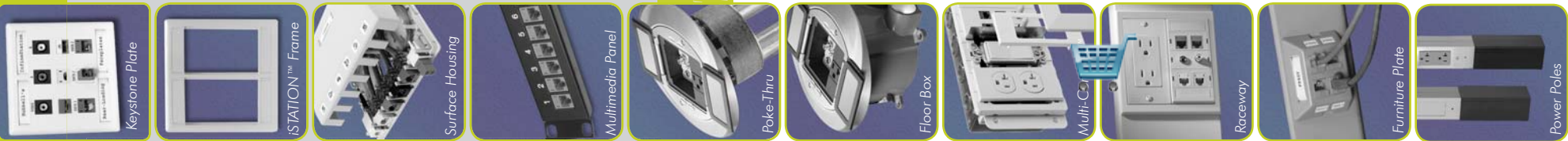
Connector Specifications

Color	Audio	Video
Red	Right Signal	Component - Red (Pr/Cr)
White	Left Signal	
Yellow		Composite
Blue		Component - Blue (Pb/Cb)
Green		Component - Green (Y)
Black	Mono/Right	
Orange	Digital (S/PDIF)	Digital (S/PDIF)

Typical Applications



Applications Supported: Component HD video distribution. TV, CCTV, CATV and satellite. Home theater and entertainment systems. Cameras, camcorders and projectors. Security and surveillance systems.



AV Modules

Speaker Posts, Gold



Hubbell’s iSTATION™ Gold speaker post modules deliver high quality audio signals throughout the home, office, classroom or to a work area. Requiring no soldering, these gold speaker post connectors install in a “snap” and provide a quick, easy screw-on or plug-in termination.

iSTATION™ Gold speaker post modules are available in 7 standard Hubbell colors and front loads into any iSTATION™ product, Hubbell Delivery System products including poke-throughs and surface raceway, or iSTATION™ UDX multimedia panels to distribute audio signals.

Create a customized multimedia work station by front-loading a iSTATION™ Gold speaker post module along with Hubbell’s extensive line of AV connectors, loaded modules and XCELERATOR™ jacks.

Order Information

Description	Catalog No.
Gold Speaker Post Module, Screw Termination (R/B)	IMSP1XX
Speaker Post Plugs 10-pack	Catalog No. Black SPPBK10 Catalog No. Red SPPR10

Module Colors

Almond	Black	Electric Ivory	Gray	Light Almond	Office White	Telco Ivory	White
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Features/Benefits

- iSTATION™ Front-Loading Footprint.
- Seamless Hubbell System Integration.
- Screw-Style or Plug-In Installation for Quick and Easy Termination.
- Industry Standard Banana Plug Style Connection.

Performance Specifications

- Connector:**
Connector Body: Brass.
Gold-plated: 2μ”
- Material:**
Module: Flame-retardant Polymer, UL 94V-0.
- Ring Color:**
Black and Red.

Termination Instructions

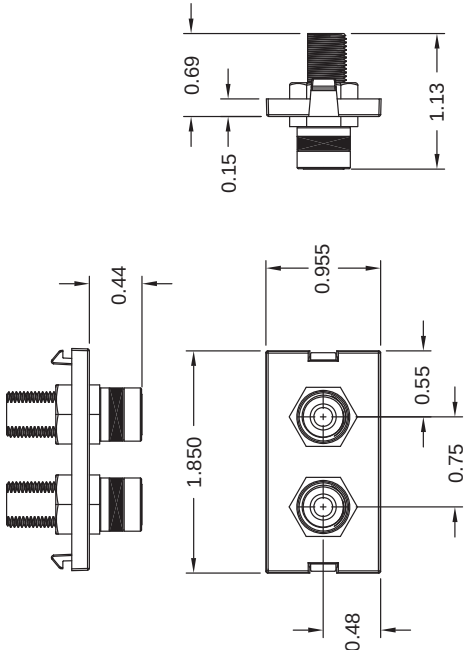
Installation Tips

Important: Always allow for clearance behind connection location to ensure for proper bend radius.

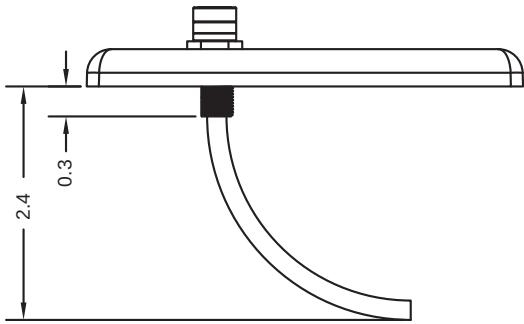
Gold-plating encapsulates the connectors base metal (brass) preventing oxidation/corrosion from forming. It also has a more transparent (signal) conductive path over Nickel (3x), which is closer to the cop-per it’s transmitting over.

Cable Type: Stranded 14-24 AWG.

Dimensions



Connector Depth



Connector Specifications

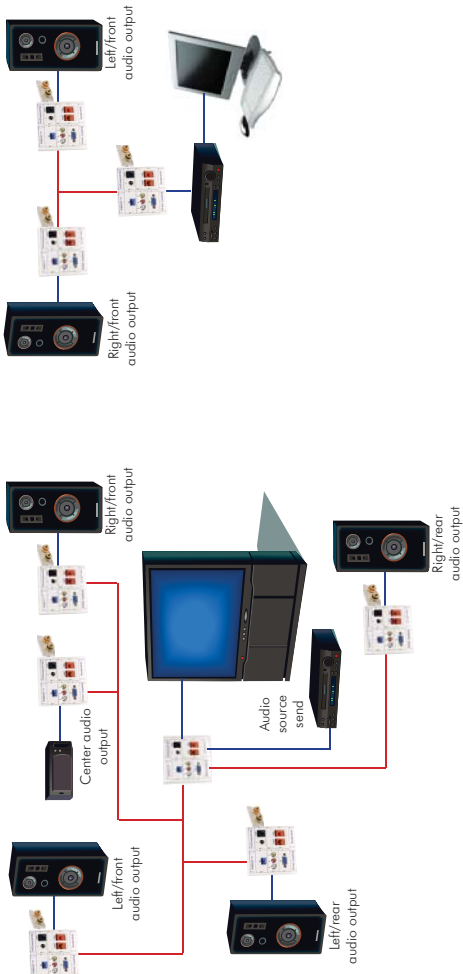
Connector Term

Speaker Post: Binding post is a connector commonly used on loudspeakers and audio amplifiers as well as other electrical equipment. A binding post contains a central threaded metal rod and a cap that screws down on that rod.

Banana Plug: is a single-wire (one conductor) male electrical connector used for joining wires to equipment. Commonly used on the cables connecting audio equipment, amplifiers or receivers to the loudspeakers or home sound systems.

Color-Code: Red: + positive terminal.
Black: - negative terminal.

Typical Applications



Applications Supported: Composite video distribution stereo audio. TV, CCTV, CATV and satellite. Home theater and entertainment systems. Cameras, camcorders and projectors. Security and surveillance systems.

