



iSTATION™ Front-Loading Footprint.

Seamless Hubbell System Integration.

Transmits Quality Audio/Video Signals.

Solder Termination.

#### SPECIFICATIONS

- ◆ **Connector:**  
Connector Body: Brass.  
Gold-plated: 100μ"
- ◆ **Performance:**  
Impedance: 75 Ohms.  
Mating Cycles: 500+
- ◆ **Material:**  
Module: Flame-retardant Polymer  
UL 94V-0.
- ◆ **Insulator Color:** Yellow.

#### CABLE TERMINATION

##### Cable Type:

- **RCA:** Coax 75 Ohm - 20-30 AWG
- **RCA:** Male RCA Plug (Patch Cord)
- **3.5mm:** 22-30 AWG 2 Conductor, with Shield (served bare copper Shield preferred)

#### 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.

**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 2.5 mm or sub-miniature. The 3.5mm is also referred to as 1/8" stereo jack. All three sizes are available in common 2-conductor (mono) and 3-conductor (stereo or tip ring sleeve) versions. A 4-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.

## HUBBELL iStation AV Modules, RCA Composite Video, 3.5mm Stereo, Solder

Standard solder termination.



High impact, flame-retardant Polymer.

Deliver composite AV signals.

Hubbell's iSTATION™ composite RCA 3.5mm solder modules deliver high quality A/V signals to any work station or transmitting/receiving device. The composite RCA 3.5mm solder modules utilize 20-30 AWG cable to deliver A/V signals within a horizontal point-to-point run.

iSTATION™ composite RCA 3.5mm solder modules are available in 7 standard colors and front loads into any iSTATION™ product, UDX multimedia panels or Hubbell Delivery System products including poke-throughs and surface raceway to distribute A/V signals. Requiring soldering, these connectors install with a snap.

Create a customized multimedia work station by adding an iSTATION™ composite RCA 3.5mm solder module along with Hubbell's extensive line of AV connectors, loaded modules and XCELERATOR™ jacks.

#### 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.

#### INSTALLATION TIPS

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

3.5mm Stereo Jack:

Tip: Square copper terminal.

Ring: Round Nickel-plated terminal.

**Soldering Tips:** Cleanliness - Temperature - Time - Solder Coverage - These key factors affect the quality of the joint.

A little effort spent in soldering a perfect joint will eliminate a considerable amount of time in troubleshooting a defective joint in the future.

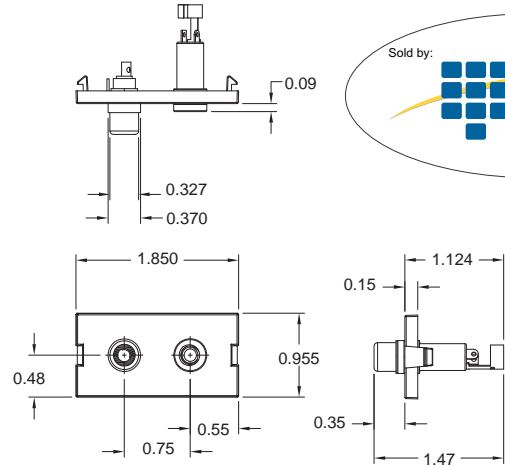
**iSTATION™ RCA Composite, 3.5mm Stereo Solder AV Modules**

See RCA Insulator Color Chart below for applications



Description: RCA (3) Composite Coupler, Feed-thru  
 Catalog No. **IMRSJ1XX**  
**XX** = Color: "AL" = Almond; "BK" = Black; "EI" = Electric Ivory; "GY" = Gray; "LA" = Light Almond; "OW" = Office White; "W" = White.

**DIMENSIONS**



**RCA INSULATOR COLOR: APPLICATIONS**

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)

**iSTATION™ COMPATIBLE**

**Work Station and Cross-Connect Solutions**

- iSTATION™ front-loading plates
- UDX iSTATION™ Multimedia Panels
- iFRAME® Vertical Patch Panel



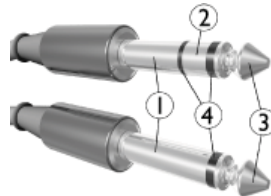
**Hubbell Delivery System**

- Hubbell SystemOne Poke-Throughs and Floor Boxes
- Hubbell Surface Raceway, Metal and Non-Metallic
- Multi-Connect™ Wall Boxes/Conference Table Boxes



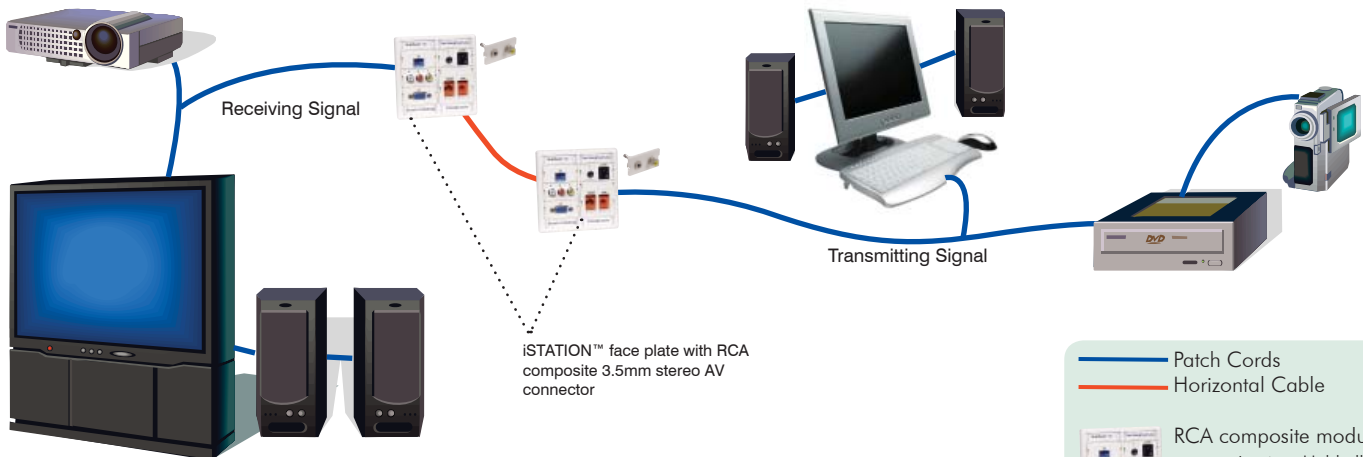
**DEFINITION**

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



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

**TYPICAL APPLICATION**



— Patch Cords  
 — Horizontal Cable

RCA composite module/connector in a Hubbell iSTATION™ face plate.



**Hubbell Premise Wiring**  
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**Worldwide Locations**

Hubbell Premise Wiring, Asia Pacific	852-2836-7131	Fax: 852-2836-7132	Hubbell Premise Wiring, Latin America	305-408-4501	Fax: 305-408-8201
Hubbell Canada Inc.	905-839-1138	Fax: 905-839-9108	Hubbell de Mexico, S.A. de C.V.	(5255) 9151-9999	Fax: (5255) 9151-9989
Hubbell Premise Wiring, Central America	506-309-4158	Fax: 506-260-1616	Hubbell Premise Wiring, Middle East	971-4-393-4192	Fax: 971-4-393-4194
Hubbell Premise Wiring, China	86-21-6374 2660	Fax: 86-21-6374 2799	Hubbell Premise Wiring, Puerto Rico	787-855-1075	Fax: 787-855-3265
Hubbell Premise Wiring, Europe	44-01283 500500	Fax: 44-01283 500400	Hubbell-Taian Co., Ltd., Taiwan	886-2-2522-1862	Fax: 886-2-2522-1872
Hubbell Premise Wiring, India	91-80-4022-4089	Fax: 91-80-4022-4033	Hubbell Premise Wiring, Venezuela	58-212-5156482	Fax: 58-212-6627258
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