HUBBELL ®

HUBBELL iStation AV Connectors, PS/2 6-Pin DIN Coupler

Seamless Hubbell System Integration.

Universal Keystone Design fits into all Hubbell Products.

PS/2 6-pin DIN Keyboard and Mouse Signal.

Feed-thru Couplers.

Plug 'n Play-style termination.

KVM applications.

High impact, flame-retardant Polymer.

Deliver keyboard and mouse at the work area.

SPECIFICATIONS

◆ **Connector**:

Connector Body:	Shell: Brass.
	Body: Plastic
Nickel-plated:	100µ"
Pin:	Brass, Nickel-plated

◆ **Performance**:
Mating Cycles: 500+

◆ **Material**: Housing: Flame-retardant Polymer UL 94V-0

◆ **Signal Transmitted**:
Serial data at 10 to 16KHz with 1 stop bit, 1 start bit, 1 parity bit (odd).

CABLE TERMINATION

Cable Type:

Male 6-pin DIN patch cord.
Standard PS/2 keyboard/mouse connections.

CONNECTOR TERM

PS/2 (6-pin DIN) Connector: The 6-pin DIN PS/2 connector is used for connecting a keyboard and a mouse to a PC device. The PS/2 mouse connector generally replaced the older RS-232 "serial mouse" connector. PS/2 was developed in 1987 from the IBM Personal System/2 series computers.

The keyboard and mouse interfaces are electrically similar with the main difference being that open collector outputs are required on both ends of the keyboard interface to allow bidirectional communication. The color-coded PS/2 connection ports (purple for keyboards and green for mice).

Hubbell's **iSTATION**™ PS/2 couplers provide easy access for serial data transmissions to the work station. The PS/2 couplers utilize standard 6-pin DIN connectors for point of attachment. Terminate the PS/2 coupler with a male 6-pin pre-terminated cord attached to a keyboard, mouse, patch cord or field attachable plug customized in the field.

Requiring no soldering, these connectors install with a snap into any **iSTATION**™ product, module, frame, surface housing, poke-through, raceway, delivery or even a UDX multimedia panel to distribute serial data transmissions.

Create a customized multimedia work station by adding a PS/2 coupler connector along with Hubbell's extensive line of AV connectors, loaded modules and **XCELERATOR**™ jacks.

APPLICATIONS SUPPORTED

● Keyboard, mouse, laptops and desktop computers.
● KVM, servers, and gaming machines.

INSTALLATION TIPS

Termination: The PS/2 coupler utilize standard male 6-pin DIN connectors, pre-terminated to a keyboard, mouse, patch cord or field attachable customized in the field.

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

CONNECTOR SPECIFICATIONS

Pins	Keyboard	Mouse
1	+DATA	DATA
2	Not Connected	Not Connected*
3	Ground	Ground
4	Vcc	+5V DC at 100 mA
5	+Clock	Clock
6	Not Connected	Not Connected*
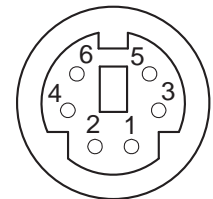
front nose view

* Different laptops may use data for splitter cable.
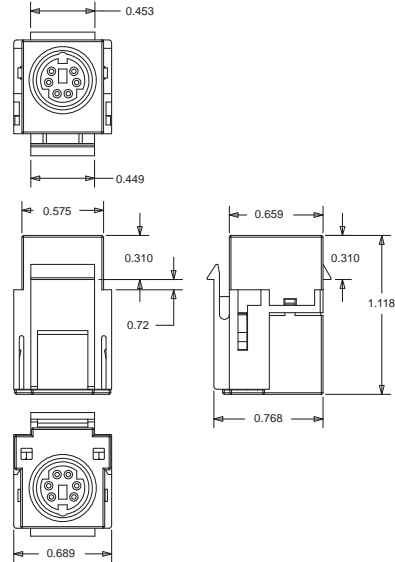** Different laptops may use Clock for splitter cable.

www.hubbell-premise.com

iSTATION™ PS/2 6-pin DIN AV Connector

Applications	Housing Color	Insulator Color	Catalog No.
Mouse	Black	Purple	**SF6PM**
Keyboard	Black	Green	**SF6PK**

Color	Description
(blue)	Mouse
(green)	Keyboard

DIMENSIONS

0.453
0.449
0.575
0.659
0.310
0.310
0.72
1.118
0.768
0.689

CONNECTOR DEPTH CHART

5.4
1.85
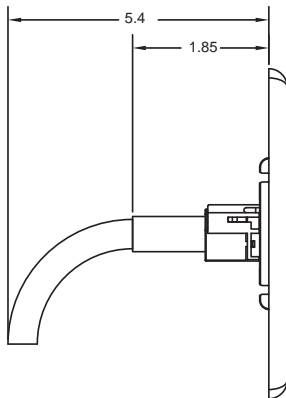
iSTATION™ COMPATIBLE

Work Station and Cross-Connect Solutions
- Front and Rear-loading Plates
- Duplex and Decorator Frames
- ISM Surface Mount Boxes
- UDX Multimedia Panels (except 1U-48)
- **netSELECT**™: Residential Network Solution
- **iFRAME**™ Vertical Patch Panel

Delivery System
- **SystemOne** Poke-Throughs and Floor Boxes
- Surface Raceway, Metal and Non-Metallic
- Multi-Connect™ Wall Boxes/Conference Table Boxes
- Power Poles

TYPICAL APPLICATION

Transmitting Signal

Receiving Signal

Receiving Signal

Transmitting Signal

iSTATION™ face plate with PS/2 6-pin DIN AV connector

Patch Cords
Horizontal Cable

PS/2 6-pin DIN AV Connector in Hubbell iSTATION™ face plate.

Sold by:
TWAcomm.com
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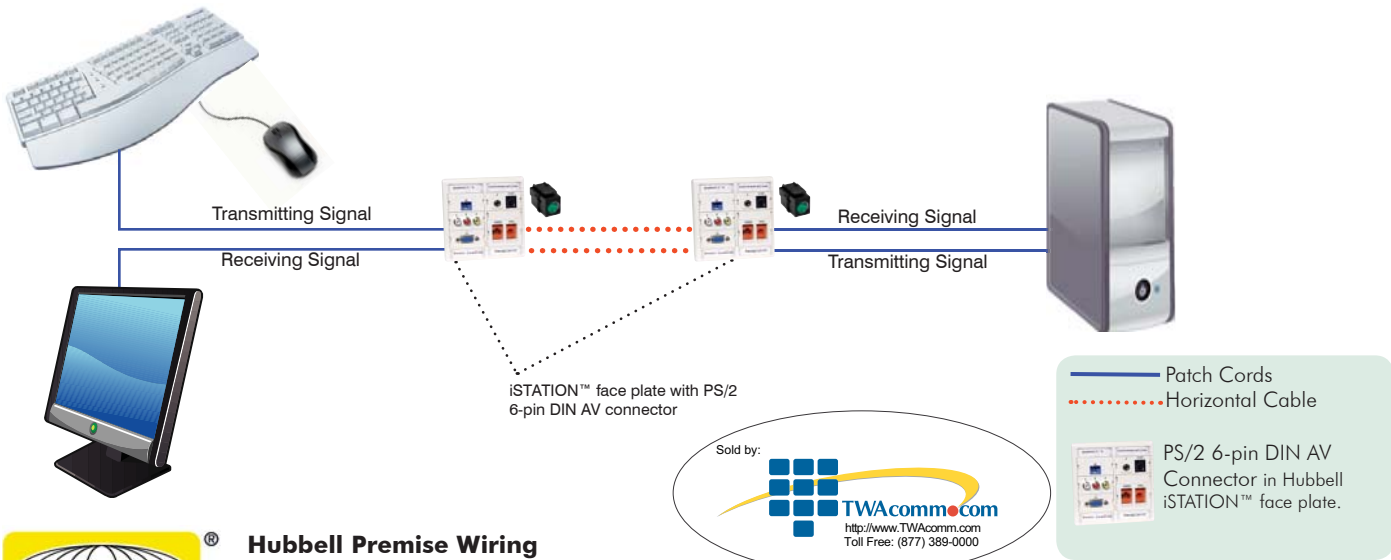
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