



Section P

Network Wiring

Enterprise Grade Commercial Products

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Voice/Data Jacks



Hubbell X-END™ AV Solutions



HDMI Connectors



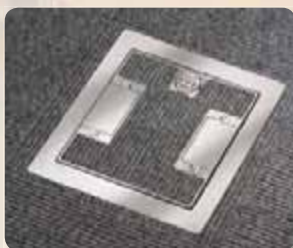
Hubbell iSTATION™ Surface Mount Boxes



Hubbell Enterprise Grade Connectivity is designed for use with:



Raceway Systems
Hubbell's innovative Raceway Systems include a choice of steel, aluminum and non-metallic, single or multi-channel raceways.



Floor Boxes
Hubbell offers a comprehensive line of flush, recessed, and raised floor box options, that accommodate a variety of data, audio, video and power applications.



Poke-Throughs
Hubbell Poke-Throughs include flush, pedestal and furniture feed versions accommodating the industry's broadest range of power, data, audio/video and voice applications.



Network Wiring

Modular Keystone Jacks

Enterprise Grade Commercial Products



HXJ6B



HXJ6OR

XCELERATOR™ Jacks, Category 6

Supports 10GbE applications to 55 meters, Gigabit Ethernet in the backbone, and network convergence out to the work area with usable bandwidth of 500 MHz in the channel.

Color	Catalog Number	Bag of 25 Catalog Number
Almond	HXJ6AL	HXJ6AL25
Black	HXJ6BK	HXJ6BK25
Blue	HXJ6B	HXJ6B25
Gray	HXJ6GY	HXJ6GY25
Green	HXJ6GN	HXJ6GN25
Ivory	HXJ6EI	HXJ6EI25
Light Almond	HXJ6LA	HXJ6LA25
Office White	HXJ6OW	HXJ6OW25
Orange	HXJ6OR	HXJ6OR25
Red	HXJ6R	HXJ6R25
White	HXJ6W	HXJ6W25
Yellow	HXJ6Y	HXJ6Y25

XCELERATOR™ Jacks, Category 5e

Supports 10/100/1000BASE-T applications with usable bandwidth of 190 MHz in the channel.

Color	Catalog Number	Bag of 25 Catalog Number
Almond	HXJ5EAL	HXJ5EAL25
Black	HXJ5EBK	HXJ5EBK25
Blue	HXJ5EB	HXJ5EB25
Gray	HXJ5EGY	HXJ5EGY25
Green	HXJ5EGN	HXJ5EGN25
Ivory	HXJ5EEI	HXJ5EEI25
Light Almond	HXJ5ELA	HXJ5ELA25
Office White	HXJ5EOW	HXJ5EOW25
Orange	HXJ5EOR	HXJ5EOR25
Red	HXJ5ER	HXJ5ER25
White	HXJ5EW	HXJ5EW25
Yellow	HXJ5EY	HXJ5EY25



HXJ5EBK

XCELERATOR™ Jacks, 6-Position USOC

Color	Catalog Number	Bag of 25 Catalog Number
Almond	HXJUAL	—
Black	HXJUBK	—
Blue	HXJUB	—
Gray	HXJUGY	—
Green	HXJUGN	—
Ivory	HXJUEI	—
Light Almond	HXJULA	—
Office White	HXJUOW	HXJUOW25
Orange	HXJUOR	—
Red	HXJUR	—
White	HXJUW	—
Yellow	HXJUY	—



HXJUEI

Jack Icons*

Bag of 100 icons. Snaps to front of enterprise grade XCELERATOR jacks.



IP100C

Color	Blank	Computer	Telephone
Black	IBK100	IBK100C	IBK100T
Blue	IB100	IB100C	IB100T
Brown	IBN100	IBN100C	IBN100T
Gray	IGY100	IGY100C	IGY100T
Green	IGN100	IGN100C	IGN100T
Ivory	IEI100	IEI100C	IEI100T
Orange	IOR100	IOR100C	IOR100T
Purple	IP100	IP100C	IP100T
Red	IR100	IR100C	IR100T
White	IW100	IW100C	IW100T
Yellow	IY100	IY100C	IY100T

Note: * Not UL listed, CSA Certified.



Network Wiring

Audio/Video Keystone Connectors

Enterprise Grade Commercial Products

F-Type Connectors

Distributes high quality video signal to the workstation. Requiring no soldering; these connectors install with a snap and provide quick, easy “screw-on” termination. Compatible with TV, CATV and CCTV, home theater and entertainment systems, satellite, security and surveillance systems, VCR/DVD applications.

Color	F-Type Coupler Bulkhead F/F	F-Type Coupler Bulkhead F/F Gold	F-Type to RCA Bulkhead F/F Gold	F-Type Recessed
Almond	SFFALX	SFFGAL	–	SFGRFAL
Black	SFFBX	SFFGBK	SFRFBK	SFGRFBK
Gray	SFFGX	SFFGGY	SFRFGGY	SFGRFGY
Ivory	SFFEX	SFFGEI	SFRFGEI	SFGRFEI
Light Almond	SFFLAX	SFFGLA	–	–
Office White	SFFX	SFFGOW	SFRFGOW	SFGRFOW
White	SFFWX	SFFGW	SFRFGW	SFGRFW



SFFGGY



SFGRFOW



SFRC110R



SFRRCR



SFRRCROW



SFRRCRFF



SFSV110BK

RCA Connectors

Distributes component and composite audio and video signals from device to device. Typical applications include TV, cable, VCR/DVD, camera, camcorder, projector, home theater, and entertainment centers.

Insulator Color	RCA 110 Punch-Down Black Housing	RCA Solder Coupler Termination Office White Housing	Additional Housing Color*	RCA Recessed*
Black	–	SFRC	SFRCBKxx	SFRCBKRxx
Blue	SFRC110B	SFRCBOW	SFRCBxx	SFRCBRxx
Green	SFRC110GN	SFRCGNOW	SFRCGNxx	SFRCGNRxx
Orange	–	SFRCOROW	SFRCORxx	SFRCORRxx
Red	SFRC110R	SFRCR	SFRCRxx	SFRCRRxx
White	SFRC110W	SFRCW	SFRCWxx	SFRCWRxx
Yellow	SFRC110Y	SFRCY	SFRCYxx	SFRCYRxx

Note: *Additional Housing colors: **xx** = “AL” = Almond; “BK” = Black; “EI” = Ivory; “GY” = Gray; “LA” = Light Almond; “W” = White.

Insulator Color	RCA Gold Pass-through, Office White Housing	F/F Coupler Additional Housing Color*
Black	SFRCBKFF	SFRCBKFFxx
Blue	SFRCBFFOW	SFRCBFFxx
Green	SFRCGNFFOW	SFRCGNFFxx
Orange	SFRCORFFOW	SFRCORFFxx
Red	SFRRCRFF	SFRRCRFFxx
White	SFRCWFF	SFRCWFFxx
Yellow	SFRCYFF	SFRCYFFxx

Note: *Additional Housing colors: **xx** = “AL” = Almond; “BK” = Black; “EI” = Ivory; “GY” = Gray; “LA” = Light Almond; “W” = White.

S-Video Connectors

Transmits video information over a cable by dividing the signal into two separate signals (chrominance) for color and (luminance) for brightness. Applications include cable, satellite, DVD, camera, camcorder, projector, home theater, entertainment systems, security, and surveillance.

Color	S-Video 110 Punch-Down	S-Video F/F Coupler
Black	SFSV110BK	SFSVBK

HD 9-Pin and HD 15-Pin VGA-style Connectors



HD 9-Pin F/F Coupler*

Quantity	Catalog Number
10-Pack	9GC10



HD 9-Pin Screw Term

Quantity	Catalog Number
10-Pack	9ST10



HD 15-Pin F/F Coupler*

Quantity	Catalog Number
10-Pack	15GC10



HD 15-Pin Screw Term

Quantity	Catalog Number
10-Pack	15ST10



Network Wiring

Audio/Video Keystone Connectors

Enterprise Grade Commercial Products



SFBBOW



SFBGOW

BNC Connectors

Distributes PRO audio video through coaxial 75 ohm signal to the work area. Applications include TV, CCTV, analog and digital CATV, VCR, HDTV satellite, security and surveillance systems.

Color	BNC Connector Nickel Finish	BNC Connector Gold Finish
Black	SFBBK	SFBGBK
Gray	SFBGY	SFBGGY
Ivory	SFBEI	SFBGEI
Light Almond	SFBLA	SFBGLA
Office White	SFBOW	SFBGOW
White	SFBW	SFBGW



SFSPGR



SPPBK10

Gold Speaker Post Connectors and Plugs*

Ring Color	Speaker Post Connector Office White Housing	Speaker Post/ Banana Plugs
Black	SFSPGBK	SPPBK10
Red	SFSPGR	SPPR10



SF35FFOW



SF35STOW

3.5mm Stereo Jacks*

Distributes stereo or mono audio signals to and from devices. Applications include laptop and desktop computer audio I/O output, PRO audio distribution, projectors, and IR (infrared) signal transmission.

Housing Color	3.5mm F/F Coupler	3.5mm Stereo Jack	3.5mm Screw Term.
Black	SF35FFBK	SF35SJBK	SF35STBK
Gray	SF35FFGY	SF35SJGY	SF35STGY
Ivory	SF35FFEI	SF35SJEI	SF35STEI
Light Almond	SF35FFLA	SF35SJLA	SF35STLA
Office White	SF35FFOW	SF35SJ	SF35STOW
White	SF35FFW	SF35SJW	SF35STW



SFC5EW



SFC6EBK

Inline Couplers*

Use to deliver a quick and easy interconnect solution at the desktop or in the cross connect.

Color	Wiring: T568A/B	Wiring: T568A/B
Black	SFC5EBK	SFC6EBK
White	SFC5EW	SFC6EW

USB Connectors

Use to provide a simple and easy way to add a USB connection to a work area.



SFUSBABB



SFUSBAAB

Color	Format: A-to-B	Format: A-to-A
Blue	SFUSBABB	SFUSBAAB
Office White	SFUSBABOW	SFUSBAOW
White	SFUSBABW	SFUSBAW



SFB10



SFSBEI10

Blank Connectors, 10-Pack

Housing Color	Blanks	Smooth Blanks
Almond	SFBAL10	SFSBAL10
Black	SFBB10	SFSBBK10
Gray	SFBG10	SFSBGY10
Ivory	SFBEI10	SFSBEI10
Light Almond	SFBLA10	SFSBLA10
Office White	SFB10	SFSBOW10
White	SFBW10	SFSBW10

Note: * Not UL Listed.



Network Wiring

Hubbell iSTATION™ Face Plates

Enterprise Grade Commercial Products

IFP Face Plates, with Label Fields, 1- and 2-Gang

Color	1-Gang 1-Port	2-Port	3-Port	4-Port	6-Port	2-Gang 6-Port	9-Port	12-Port
Almond	IFP11AL	IFP12AL	IFP13AL	IFP14AL	IFP16AL	IFP26AL	-	-
Black	IFP11BK	IFP12BK	IFP13BK	IFP14BK	IFP16BK	IFP26BK	IFP29BK	IFP212BK
Gray	IFP11GY	IFP12GY	IFP13GY	IFP14GY	IFP16GY	IFP26GY	IFP29GY	IFP212GY
Ivory	IFP11EI	IFP12EI	IFP13EI	IFP14EI	IFP16EI	IFP26EI	IFP29EI	IFP212EI
Light Almond*	IFP11LA	IFP12LA	IFP13LA	IFP14LA	IFP16LA	IFP26LA	IFP29LA	IFP212LA
Office White	IFP11OW	IFP12OW	IFP13OW	IFP14OW	IFP16OW	IFP26OW	IFP29OW	IFP212OW
White	IFP11W	IFP12W	IFP13W	IFP14W	IFP16W	IFP26W	IFP29W	IFP212W

Note: * Light Almond plates match Office White non-metallic raceway, boxes, jacks and connectors.

Stainless Steel Face Plates without Label Fields, 1- and 2-Gang

	1-Gang 1-Port	2-Port	3-Port	4-Port	6-Port	2-Gang 4-Port	6-Port	9-Port	12-Port
Catalog No.	SSF11	SSF12	SSF13	SSF14	SSF16	SSF204	SSF206	SSF209	SSF212

Stainless Steel Face Plates with Label Fields

1-Gang	Catalog Number
1-Port	SSFL11
2-Port	SSFL12
3-Port	SSFL13
4-Port	SSFL14
6-Port	SSFL16

Duplex and Decorator Plates with Label Fields

Color	Duplex Plate	Decorator Plate
Almond	IFP18AL	IFP126AL
Office White	IFP18OW	IFP126OW

Standard Duplex and Decorator Plates with No Label Fields, 1- and 2-Gang

Color	1-Gang Duplex Plate	1-Gang Decorator Plate	2-Gang Decorator Plate
Almond	NP8AL	NP26AL	NP262AL
Black	NP8BK	NP26BK	NP262BK
Ivory	NP8I	NP26I	NP262I
Gray	NP8GY	NP26GY	NP262GY
Light Almond*	NP8LA	NP26LA	NP262LA
White	NP8W	NP26W	NP262W

Note: * Light Almond plates match Office White non-metallic raceway, boxes, jacks and connectors.

630 Wall Phone Plates, 1-Gang

Stainless Steel, 1-Gang wall phone plate.



P630S1GJ6 P630SR1GJ6

Jack Format	Includes Gray Jack	Catalog Number
Flush	6-position USOC, RJ25	P630S1GJ6
Flush	8-position Cat. 5e, RJ45	P630S1GJ8
Recessed	6-position USOC, RJ25	P630SR1GJ6
Recessed	8-position Cat. 5e, RJ45	P630SR1GJ8

Keystone Opening

Hole size for mounting all Hubbell Jacks.

A	A: .580" (14.73)
B	B: .760" (19.30)



Network Wiring

Hubbell iSTATION™ Outlet Frames

Enterprise Grade Commercial Products

HDMI Decorator Frames**

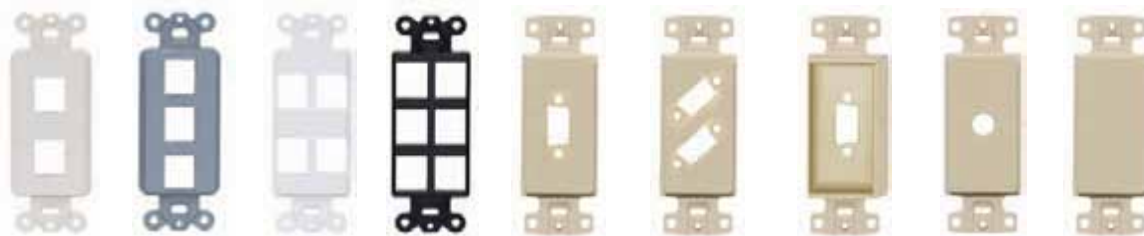
Color	1-Port	2-Port
Almond	NS801AL	NS802AL
Black	NS801BK	NS802BK
Gray	NS801GY	NS802GY
Ivory	NS801I	NS802I
Light Almond	NS801LA	NS802LA
White	NS801W	NS802W

Note: ** HDMI (High Definition Media Interface).

Blank Duplex Outlet Frames, 1-Gang

Color	Keystone 2-Port	Keystone 4-Port
Almond	BR106AL	Q106AL
Black	BR106B	Q106B
Gray	BR106G	Q106G
Ivory	BR106E	Q106E
Light Almond*	BR106LA	Q106LA
Office White	BR106C	Q106O
White	BR106W	Q106W

Note: * Light Almond frames match Office White non-metallic raceway, boxes, jacks and connectors.

Blank Decorator Outlet Frames, 1-Gang

Color	Keystone 2-Port	Keystone 3-Port	Keystone 4-Port	Keystone 6-Port	HD15/9 or HDMI	(2) HD15/9 or HDMI	(1) Recessed HD15/9 or HDMI	.406 in. (10.3) hole	Blank
Almond	ISF2AL	ISF3AL	ISF4AL	ISF6AL	ISFB15AL	—	—	NS621AL	NS620AL
Black	ISF2BK	ISF3BK	ISF4BK	ISF6BK	ISFB15BK	ISFB215BK	ISFBR15BK	—	—
Gray	ISF2GY	ISF3GY	ISF4GY	ISF6GY	ISFB15GY	ISFB215GY	ISFBR15GY	—	—
Ivory	ISF2EI	ISF3EI	ISF4EI	ISF6EI	ISFB15EI	ISFB215EI	ISFBR15EI	NS621I	NS620I
Light Almond*	—	—	—	—	ISFB15LA	—	—	NS621LA	NS620LA
Office White	ISF2OW	ISF3OW	ISF4OW	ISF6OW	ISFB15OW	ISFB215OW	ISFBR15OW	—	—
White	ISF2W	ISF3W	ISF4W	ISF6W	ISFB15W	ISFB215W	ISFBR15W	NS621W	NS620W

Note: * Light Almond frames match Office White non-metallic raceway, boxes, jacks and connectors.

Secure-IT Plates

Secure-IT Plates protect mated and unmated connections from physical damage and unauthorized tampering. Available in Tamper-Resistant and Weatherproof versions.

Tamper-Resistant Plates

Color	1-Gang/4-Port Catalog Number
Black	TPF1BK
Gray	TPF1GY
Office White	TPF1OW
White	TPF1W



TPF1W

NEMA 3R Weatherproof Plates

Color	1-Gang/4-Port Catalog Number
Gray	TWPF1GY



TWPF1GY

Network Wiring

Hubbell X-END™ AV Solutions

Enterprise Grade Commercial Products



Hubbell X-END™ Keystone Snap Fit Connectors

Description	X-END Gender	Color	Catalog Number
Keystone, 4" Tail	8-pin Female	Black	SFAVCT
Keystone, 90°	8-pin Female	Black	SFAVCN
Keystone, Straight	8-pin Female	Black	SFAVCS

Hubbell X-END™ AV Plug-n-Play Bulk Connectors

Description	X-END Gender	Catalog Number
15-Pin HD15 Straight 180°	8-pin Female	15S6P1*
15-Pin HD15 Angled 45°	8-pin Female	15A6P1*
15-Pin HD15 Right Angle 90°	8-pin Female	15N6P1*

Note: * To order 10-Pack quantity, add '0' to end of Catalog Number.

Hubbell X-END™ Plug-n-Play Modules

Description	X-END Gender	Unit	Catalog Number
S-Video with 3.5mm Audio	8-pin Female	1 U	IMS3581xx
S-Video with 2 RCA L/R Audio	8-pin Female	1 U	IMSRA81xx
3 RCA Composite Video w/L/R Audio	8-pin Female	1 U	IMR8P1xx
3 RCA Component Video	8-pin Female	1 U	IMCR81xx
3 RCA Composite S-Video w/L/R Audio	8-pin Female	1.5 U	IMSRC815xx
4 RCA Component Video w/S/PDIF	8-pin Female	1.5 U	IMCRD815xx
5 RCA Component Video w/LR Audio	8-pin Female	1.5 U	IMCAR815x
3 RCA Component w/ 3.5mm Audio	8-pin Female	1.5 U	IMC35815xx
3 RCA Component with S-Video	8-pin Female	1.5 U	IMSCCR815xx
5-BNC RGBHV	8-pin Female	1.5 U	IMB815xx

Note: Replace xx with "AL" = Almond; "BK" = Black; "EI" = Ivory; "GY" = Gray; "LA" = Light Almond; "OW" = Office White; "W" = White.

Hubbell X-END™ AV Plug-n-Play Application Tails

Description	X-END Gender	Length	Catalog Number
S-Video with 3.5mm Audio	8-pin Female	1ft Tail	AVS35T1
S-Video with 2 RCA L/R Audio	8-pin Female	1ft Tail	AVSRAT1
3 RCA Composite Video w/L/R Audio	8-pin Female	1ft Tail	AVRCT1
3 RCA Component Video	8-pin Female	1ft Tail	AVCRT1
3 RCA Composite S-Video w/L/R Audio	8-pin Female	1ft Tail	AVSRCT1
4 RCA Component Video w/S/PDIF	8-pin Female	1ft Tail	AVCRDT1
5 RCA Component Video w/LR Audio	8-pin Female	1ft Tail	AVCART1
3 RCA Component with 3.5mm Audio	8-pin Female	1ft Tail	AVC35T1
3 RCA Component with S-Video	8-pin Female	1ft Tail	AVSCRT1
5-BNC RGBHV	8-pin Female	1ft Tail	AVBT1
15-Pin HD15 Female (VGA Style)	8-pin Female	1ft Tail	15T6P1*
15-Pin HD15 Male (VGA Style)	8-pin Female	1ft Tail	15MP6P1*

Hubbell X-END™ AV Plug-n-Play Application Patching Runs

Description	X-END Gender	Catalog Number
S-Video with 3.5mm Audio	8-pin Male	AVS35yy
S-Video with 2 RCA L/R Audio	8-pin Male	AVSRAyy
3 RCA Composite Video w/L/R Audio	8-pin Male	AVRCyy
3 RCA Component Video	8-pin Male	AVCRyy
3 RCA Composite S-Video w/L/R Audio	8-pin Male	AVSRCyy
4 RCA Component Video w/S/PDIF	8-pin Male	AVCRDyy
5 RCA Component Video w/LR Audio	8-pin Male	AVCARyy
3 RCA Component with 3.5mm Audio	8-pin Male	AVC35yy
3 RCA Component with S-Video	8-pin Male	AVSCRyy
5-BNC RGBHV	8-pin Male	AVByy
15-Pin HD15 Female (VGA Style)	8-pin Male	AV15Myy

Note: yy = Length: 05 = 5', 10 = 10'.



SFAVCT



SFAVCN



15S6P1



15A6P1



IMB815GY



VGA6P05BK

Hubbell X-END™ Horizontal Cable

Description	X-END Gender	Color	Catalog Number
Non-Plenum	8-pin Male	Black	VGA6yyBK
Plenum	8-pin Male	Black	VGA6PyyBK

Note: yy = Length: 05=5', 10=10', 15=15', 20=20', 25=25', 30=30', 35=35', 40=40', 45=45', 50=50', 55=55', 60=60', 65=65', 70=70', 75=75', 80=80', 85=85', 90=90', 95=95', 100=100'.



15MP6P1



AVBT1



AVB05



AV15M05



Network Wiring

HDMI Connectors and Audio/Video Modules

Enterprise Grade Commercial Products

HDMI Connectors**HDMI Feed Thru Coupler**

Description	Catalog Number
Single	HDMIC1
10-Pack	HDMIC10

**Keystone HDMI Feed Thru**

Description	Catalog Number
Single	SFHCBK

**HDMI Feed Thru 3-Inch Tail**

Description	Catalog Number
Single	HDMIT1
10-Pack	HDMIT10

DVI Adapters/Couplers**DVI-I Coupler**

Description	Catalog Number
Single	DVI1
10-Pack	DVI10

**DVI to VGA Adapter**

Description	Catalog Number
Single	DVI151

**DVI to HDMI Adapter**

Description	Catalog Number
Single	DVIHDMI1

**DVI to HDMI Adapter**

Description	Catalog Number
Single	HDMIC1
10-Pack	HDMIC10

**IMCR1101W****IMSR1101W****IMSV351101W****IMR1101W****IMAR1101W****110 Audio Video Modules**

Description	Housing Color	Catalog Number
RCA Component, Video to 110 Termination, 1 Unit, 75 ft. max. HD Cat 5, 5e, 6 UTP	Almond Black Electric Ivory Gray Office White White	IMCR1101AL IMCR1101BK IMCR1101EI IMCR1101GY IMCR1101OW IMCR1101W
S-Video, Stereo RCA Audio to 110 Termination, 1 Unit, 100 ft. max. Cat 5, 5e, 6 UTP	Almond Black Electric Ivory Gray Office White White	IMSR1101AL IMSR1101BK IMSR1101EI IMSR1101GY IMSR1101OW IMSR1101W
S-Video, 3.5mm Stereo Jack to 110 Termination, 1 Unit, 100 ft. max. Cat 5, 5e, 6	Black Electric Ivory Gray Office White White	IMSV351101BK IMSV351101EI IMSV351101GY IMSV351101OW IMSV351101W
RCA Composite, Video, Stereo Audio to 110 Termination, 1 Unit, 100 ft. max. Cat 5, 5e, 6	Almond Black Electric Ivory Gray Office White White	IMR1101AL IMR1101BK IMR1101EI IMR1101GY IMR1101OW IMR1101W
Stereo RCA, Audio 110 Termination, 1 Unit, 100 ft. max. Cat 5, 5e, 6	Almond Black Electric Ivory Gray Office White White	IMAR1101AL IMAR1101BK IMAR1101EI IMAR1101GY IMAR1101OW IMAR1101W



Network Wiring

Hubbell iSTATION™ Audio/Video Modules

Enterprise Grade Commercial Products

110 Audio Video Modules

Description	Housing Color	Catalog Number
RCA Component Video,* Audio 110 Termination, 1.5 Unit	Almond	IMCRS15AL
	Black	IMCRS15BK
	Electric Ivory	IMCRS15EI
	Gray	IMCRS15GY
	Office White	IMCRS15OW
	White	IMCRS15W
RCA Component* Video, Solder, 1 Unit	Almond	IMCRS1AL
	Black	IMCRS1BK
	Electric Ivory	IMCRS1EI
	Gray	IMCRS1GY
	Office White	IMCRS1OW
	White	IMCRS1W
RCA Composite, Video Audio, Solder, 1 Unit	Almond	IM3RS1AL
	Black	IM3RS1BK
	Electric Ivory	IM3RS1EI
	Gray	IM3RS1GY
	Office White	IM3RS1OW
	White	IM3RS1W
RCA Composite, Video, 3.5mm Stereo Jack, Solder, 1 Unit	Almond	IMRSJ1AL
	Black	IMRSJ1BK
	Electric Ivory	IMRSJ1EI
	Gray	IMRSJ1GY
	Office White	IMRSJ1OW
	White	IMRSJ1W



IMCRS15OW



IMCRS1OW



IM3RS1OW



IMRSJ1OW



IMCRF1OW



IM3RF1OW



IMSP1OW



SPPBK10

SPPR10

Gold Feed-Through Audio Video RCA Couplers

Description	Housing Color	Catalog Number
RCA Component* Video, Gold, Pass-Through, F/F Coupler, 1 Unit	Almond	IMCRF1AL
	Black	IMCRF1BK
	Electric Ivory	IMCRF1EI
	Gray	IMCRF1GY
	Office White	IMCRF1OW
	White	IMCRF1W
RCA Composite, Video Audio, Gold, Pass-Through, F/F Coupler, 1 Unit	Almond	IM3RF1AL
	Black	IM3RF1BK
	Electric Ivory	IM3RF1EI
	Gray	IM3RF1GY
	Office White	IM3RF1OW
	White	IM3RF1W

Gold Speaker Posts and Banana Plugs

Description	Housing Color	Catalog Number
Speaker Post, Gold, Black and Red, Screw Termination	Almond	IMSP1AL
	Black	IMSP1BK
	Electric Ivory	IMSP1EI
	Gray	IMSP1GY
	Office White	IMSP1OW
	White	IMSP1W
Speaker Banana Plugs*, Gold, Screw Termination, 10-Packs	Black	SPPBK10
	Red	SPPR10

Note: * Not UL Listed.



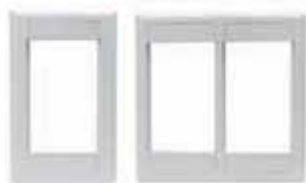
Network Wiring

Hubbell iSTATION™ Front-Loading Frames and Modules

Enterprise Grade Commercial Products

Modular Face Plate Frames

Color	1-Gang	2-Gang
Almond	IMF1AL	IMF2AL
Black	IMF1BK	IMF2BK
Gray	IMF1GY	IMF2GY
Ivory	IMF1EI	IMF2EI
Office White	IMF1OW	IMF2OW
White	IMF1W	IMF2W



Raceway Bezel Frames*

Color	1-Gang
Almond	KPIMBZAL
Gray	KPIMBZGY
Office White	MTPIMBZOW



Unloaded Keystone Modules

Color	1-Port, Flat 1 Unit	2-Port, Flat 1 Unit	1-Port, Angled 1.5 Unit	2-Port, Angled 1.5 Unit	Recessed Angle 1-Port, 1.5 Unit	Recessed Angle 2-Port, 1.5 Unit
Almond	IM1K1AL	IM2K1AL	IM1KA15AL	IM2KA15AL	-	-
Black	IM1K1BK	IM2K1BK	IM1KA15BK	IM2KA15BK	IM1IA15BK	IM2IA15BK
Ivory	IM1K1EI	IM2K1EI	IM1KA15EI	IM2KA15EI	IM1IA15EI	IM2IA15EI
Gray	IM1K1GY	IM2K1GY	IM1KA15GY	IM2KA15GY	IM1IA15GY	IM2IA15GY
Office White	IM1K1OW	IM2K1OW	IM1KA15OW	IM2KA15OW	IM1IA15OW	IM2IA15OW
White	IM1K1W	IM2K1W	IM1KA15W	IM2KA15W	IM1IA15W	IM2IA15W

Color	Blank 0.5 Unit	Blank 1 Unit	Blank 1.5 Unit	SC Angled Recessed Angle 1-Port, 1.5 Unit	SC Angled Recessed Angle 2-Port, 1.5 Unit
Almond	IMB05AL	IMB1AL	IMB15AL	-	-
Black	IMB05BK	IMB1BK	IMB15BK	IM1SCA15BK	IM2SCA2BK
Ivory	IMB05EI	IMB1EI	IMB15EI	IM1SCA15EI	IM2SCA2EI
Gray	IMB05GY	IMB1GY	IMB15GY	IM1SCA15GY	IM2SCA2GY
Office White	IMB05OW	IMB1OW	IMB15OW	IM1SCA15OW	IM2SCA2OW
White	IMB05W	IMB1W	IMB15W	IM1SCA15W	IM2SCA2W

HD (High Definition) 15-Pin/9-Pin Modules

Blank HD15/9 or HDMI Module		Blank HD15/9 or HDMI Module	
1 Unit	Catalog Number	1.5 Unit	Catalog Number
10-Pack	IMBDS1xx	1-Pack	IMBDSA15xx

DVI Modules

DVI Blank, Unloaded	
1 Unit	Catalog Number
1-Pack	IMBDVI15xx
10-Pack	IMBDVI1015xx

Note: Replace xx with "AL" = Almond; "BK" = Black; "EI" = Ivory; "GY" = Gray; "LA" = Light Almond; "OW" = Office White; "W" = White.

Hubbell iSTATION™ Audio/Video Modules

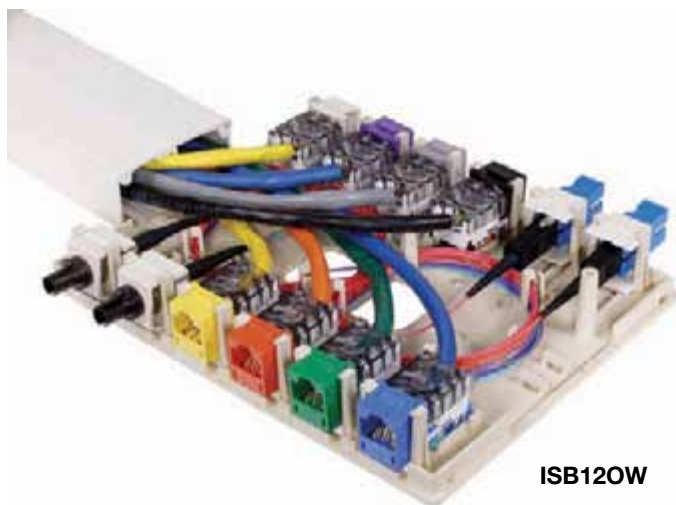
XLR, Speakon® and ¼ inch Modules applications include Video distribution, desktop and laptop computers, monitors, cameras, microphones and projectors, home theater and entertainment. Note: Order IMAVB15 Series blank modules with A/V connectors for iSTATION applications.

Color	AV Blank 1.5 Unit 10-pack	XLR Screw Terminal 10-pack	XLR Solder-Type 10-pack	Speakon® Conn. Solder-Type 10-pack	USB Feed-Thru A-to-B 10-pack	¼" Stereo Jack Solder-Type 10-pack
Office White	IMAVB15xx*	XLRST10	XLR10	SC10	USB10	14S10

Note: Replace xx = "AL" = Almond; "BK" = Black; "EI" = Ivory; "GY" = Gray; "LA" = Light Almond; "OW" = Office White; "W" = White.

* Not UL Listed.

Network Wiring

Hubbell iSTATION™ Surface Mount Boxes*Enterprise Grade Commercial Products***ISB12OW****Specifications**

- Low-profile design.
- Accepts XJ jacks, audio video and fiber connectors.
- Provided with double-sided tape and mounting screws for easy installation.
- UL and cUL listed.
- Constructed with a high-impact resistant, flame-retardant polymer.
- ANSI/TIA-606A compliant.

ISB Surface Mount Boxes, 1- and 2-Port

Ideal for open office, compact surface mount environments, and retrofits to support data, voice, and multimedia applications. Can be mounted with supplied surface mounting screws or double-sided adhesive tape.

Color	1-Port Catalog Number	2-Port Catalog Number
Ivory	ISB1EI	ISB2EI
Office White	ISB1OW	ISB2OW
White	ISB1W	ISB2W

**ISB1OW****ISB2OW****ISB Surface Mount Boxes, 4- and 6-Port**

Ideal for open office MUTOA cabling, compact surface mount environments, and retrofits to support data, voice, and multimedia applications. Features adjustable furniture latches to provide an additional mounting option to common ANSI/TIA/EIA standard furniture openings, and solutions requiring fiber. Box bases feature fiber storage posts that can store one meter fiber cable after termination.

Color	4-Port Catalog Number	6-Port Catalog Number
Ivory	ISB4EI	ISB6EI
Office White	ISB4OW	ISB6OW
White	ISB4W	ISB6W

**ISB4OW****ISB6OW****ISB Surface Mount Boxes, 12-Port**

Ideal for open office MUTOA cabling, large capacity surface mount applications and retrofits to support data, voice, and multimedia installations. Can be mounted with supplied surface mounting screws or double-sided adhesive tape and mounted to NEMA electric boxes or relay racks.

Color	12-Port Catalog Number
Ivory	ISB12EI
Office White	ISB12OW
White	ISB12W

**ISB12OW**



Network Wiring

Fiber Adapters

Enterprise Grade Commercial Products

Fiber Keystone Adapters*

						
Color	LC Duplex Keystone Adapter	LC Duplex Flush Mount Keystone Adapter	SC Simplex Keystone Adapter	SC Simplex Flush Mount Keystone Adapter	ST-style Keystone Adapter	ST-style to SC Simplex Keystone Adapter
Black	SFLCBK	SFFLCBK	–	SFFSCBK	SFSTBK	–
Ivory	SFLCEI	SFFLCEI	–	SFFSCEI	SFSTEI	–
Gray	SFLCG	SFFLCG	SFSCG	SFFSCG	SFSTG	SFSCSTG
Office White	SFLC	SFFLC	SFSC	SFFSC	SFST	SFSCST
Telco Ivory	SFLCI	SFFLCI	SFSCI	SFFSCI	SFSTI	SFSCSTI
White	SFLCW	SFFLCW	SFSCW	SFFSCW	SFSTW	SFSCSTW

Note: * Delivery - Sold in packages of 25 pieces.



FASTMPB12

ST-style Adapter

Description	Finish	Catalog Number
Recommended Double D cut-out: Diameter = 0.38 in. (9.68mm). Delivery: Package of 12 includes adapter with phosphor bronze alignment sleeve, nuts, and washers.	Black Oxide	FASTMPB12



FALCMPB6

LC Duplex Adapter

Description	Screw Mount	Snap Mount	Catalog Number
SC Simplex style outer housing. Recommended cut-out: 0.525 in. x 0.390 in. Delivery: Package of 6.	–	Blue	FALCMPB6



FASCMPB6

SC Duplex Adapter

Description	Screw Mount	Snap Mount	Catalog Number
Recommended cut-out: 1.024 in. x 0.375 in. Delivery: Package of 6 includes SC duplex adapter, with phosphor bronze sleeves and mounting screws.	Blue Green Red –	– – – Blue	FASCMPB6 FASCMPBG6 FASCMPBR6 FASCMPB6



FASCEMPB6

SC Simplex Adapter

Description	Screw Mount	Snap Mount	Catalog Number
Recommended cut-out: 0.525 in. x 0.390 in. Delivery: Package of 12 includes adapters with phosphor bronze sleeves.	–	Blue	FASCMPB12



FASCMPB12



FAQLCMPB6

LC Quad Adapter

Description	Screw Mount	Snap Mount	Catalog Number
SC Duplex style outer housing. Recommended cut-out: 1.024 in. x 0.375 in. Delivery: Package of 6.	Blue	–	FAQLCMPB6



FASTCMPB6

SC to ST-style Duplex Adapter

Description	Screw Mount	Snap Mount	Catalog Number
Recommended SC Duplex cut-out: 1.024 in. x 0.375 in. Delivery: Package of 6 includes adapters with phosphor bronze sleeves.	Blue –	– Blue	FASTCMPB6 FASTCEMPB6



FASTCEMPB6



FASCSTSEMPB12

SC to ST-style Simplex Adapter

Description	Screw Mount	Snap Mount	Catalog Number
Recommended SC Simplex cut-out: 0.525 in. x 0.390 in. Delivery: Package of 12 includes adapters with phosphor bronze alignment sleeves and nuts.	–	Blue	FASCSTSEMPB12

Network Wiring

Universal Patch Panels

Enterprise Grade Commercial Products

**Consolidation Point Block, Category 6 and Category 5e**

Description	Catalog Number
Category 6, 12-Port, Universal, 89D	P612U
Category 5e, 12-Port, Universal, 89D	P5E12U

**P5E12U****Universal Patch Panel, Category 5e**

Description	Catalog Number
24-Port, 1.75" H	P5E24UE
48-Port, 3.50" H	P5E48UE
96-Port, 7.0" H	P5E96UE

**P5E24UE****Universal Patch Panel, Category 6**

Description	Catalog Number
24-Port, 1.75" H	P6E24U
48-Port, 3.50" H	P6E48U
96-Port, 7.0" H	P6E96U

**P6E48U****Keystone Jack Panel, Unloaded***

Description	Catalog Number
Wall Mount, 12-Port, Black	UDX1289
Rack Mount, 24-Port, 1.75" H, Black	UDX24E
Rack Mount, 48-Port, 3.5" H, Black	UDX48E

Note: * Not UL Listed.

**UDX24E****Rear Cable Management Bar***

Description	Catalog Number
Screws to the rear flange of a 19-inch rack	CMBR

Note: * Not UL Listed.

**CMBR**



Network Wiring

Fiber Adapter Panels

Enterprise Grade Commercial Products

**FSPSC6****FSPSCD03****SC Adapter Panels**

SC Simplex or Duplex – Loaded.

# Fibers	# Adapters	Type	Color	Version	Catalog Number
6	6	SC Simplex	Blue	Standard	FSPSC6
6	3	SC Duplex	Blue	Standard	FSPSCD3
6	3	SC Duplex	Orange	Standard	FSPSCD03
6	3	SC Duplex	Yellow	Standard	FSPSCDY3
6	3	SC Duplex	Beige	Standard	FSPSCDBE3
12	6	SC Duplex	Beige	High-Density	FSPSCDBE6
12	6	SC to ST Duplex	Blue	High-Density	FSPSCST6

ST-style Adapter Panels

ST-style – Loaded.

# Fibers	# Adapters	Type	Version	Catalog Number
6	6	ST-style	Standard	FSPST6

SC to ST-style Duplex – Loaded.

Field installable snap-in adapters can be inserted in either direction.

# Fibers	# Adapters	Type	Version	Catalog Number
6	3	SC to ST-style	Standard	FSPSCST3

**FSPST6****FSPSCST3****LC Adapter Panels**

LC Duplex or Quad – Loaded.

# Fibers	# Adapters	Type	Adapter Color	Version	Catalog Number
12	6	LC Duplex	Blue	Standard	FSPLC6
12	3	LC Quad	Blue	Standard	FSPLCQ3
24	6	LC Quad	Blue	High-Density	FSPLCQ6
24	6	LC Quad	Orange	High-Density	FSPLCQO6
24	6	LC Quad	Yellow	High-Density	FSPLCQY6
12	6	LC Duplex	Orange	Standard	FSPLC06
12	6	LC Duplex	Yellow	Standard	FSPLCY6
12	3	LC Quad	Orange	Standard	FSPLCQO3
12	3	LC Quad	Yellow	Standard	FSPLCQY3

**FSPLC6****FSPLCQ3****HXJ Jack/Keystone Adapter Panels****JACK-PACK® Adapter Panels** (U.S. Patent Number 6273752)

Accepts multimedia connections including Hubbell XCELERATOR™ jacks and OptiChannel™ keystone adapters.

Capacity	Accepts	Version	Catalog Number
4	HXJ Jacks, Keystone adapters	Standard	FSPHD4X
6	HXJ Jacks, Keystone adapters	Standard	FSPHD6X

**FSPHD4X**



Network Wiring

Fiber Enclosures and Panels*Enterprise Grade Commercial Products***FCW Wall Mount Cabinets, Double-Door**

Accepts	Height	Width	Depth	Catalog Number
4 FSP series adapter panels	12.0" (305)	14.0" (356)	3.25" (83)	FCW4SP
12 FSP series adapter panels	16.0" (406)	14.0" (356)	6.50" (165)	FCW12SP

Note: Supplied with Lock Kit FLOCK1 only on technician side.

**FCW12SP****FTU Wall Mount Cabinets, Single-Door**

Accepts	Height	Width	Depth	Catalog Number
2 FSP series adapter panels	8.5" (216)	10.6" (269)	2.5" (64)	FTU2SP
4 FSP series adapter panels	11.0" (279)	13.6" (345)	2.5" (64)	FTU4SP

Note: Can use either Lock Kit catalog number FLOCK1 or FLOCK2 (order separately).

**FTU4SP****Lock Kit**

Description	Catalog Number
Keyed the same as the FCW technician side	FLOCK1
Keyed differently than the FCW technician side	FLOCK2

**FLOCK1****FPR – Hinged Rack Mount Panels for FSP Adapter Panels**

Capacity	Format	Catalog Number
3	FSP series adapter panels* (not included)	FPR3SP

*Note: * For FSP adapter panels, see page P-14.*

**FPR3SP****Cable Management Bracket**

Description	Catalog Number
Protective bracket/cable management bar	FPRBRKT1

**FPRBRKT1**



Network Wiring

Wall Mounted Enclosures

Enterprise Grade Commercial Products

**RE4B****REKF****REKFF****REKSJ20****REKR24****REKH****REKHS****RE-BOX® Wall Mount Enclosures****Pre-Configured Version**

Delivery: 1 base/rear section with welded 19-inch brackets for 2 hubs, 1 front door with 2 locks (NSQ tool), 1 set 19-inch extension brackets for 2 additional hubs (RE4xx only), 1 set 19-inch bottom hinge brackets for patch panels.

Switch Capacity	Max. Hub Depth	Height	Width	Depth	Color	Catalog Number
2U	14.0" (356)	32.0" (818)	24.2" (615)	7.0" (178)	Light gray	RE2
2U	14.0" (356)	32.0" (818)	24.2" (615)	7.0" (178)	Black	RE2B
5U	14.0" (356)	32.0" (818)	24.2" (615)	10.0" (254)	Light gray	RE4
5U	14.0" (356)	32.0" (818)	24.2" (615)	10.0" (254)	Black	RE4B
5U	22.0" (559)	42.0" (1067)	24.2" (615)	10.0" (254)	Light gray	RE4X
5U	22.0" (559)	42.0" (1067)	24.2" (615)	10.0" (254)	Black	RE4XB

User-Configurable Version

Delivery: 1 base/rear section and 1 front door with 2 locks (NSQ tool) (IDF24 has only 1 lock).

RWU	Height	Width	Depth	Color	Catalog Number
2U	24.0" (600)	24.2" (615)	7.0" (178)	Light Gray	IDF24L*
2U	24.0" (600)	24.2" (615)	10.0" (254)	Light Gray	IDF24
4U	32.0" (813)	24.2" (615)	10.0" (254)	Light Gray	IDF32
6U	42.0" (1067)	24.2" (615)	10.0" (254)	Light Gray	IDF42

Note: IDF24L and IDF24 do not use the same base section, knock-out patterns are different.

*Front door includes Cat60 key locks.

RE-BOX® Wall Mount Enclosure Accessories

Description	Size	Catalog Number
Door Conversion Kit (RE2 to RE4), Light Gray	–	REKU
Door Conversion Kit (RE2 to RE4), Black	–	REKUB
Fan Kit, 57CFM (Order 1 per RE2; 2 per RE4, RE4X, IDF)	–	REKF
Fan Plate, Blank	4.0" fan	H1KB
Fan	125V/7A	REKEF
Fan Filter Kit	–	REKFF
Filler Panel	3.5"H	MCCBP350
Joining Kits	Top-to-bottom	REKTJ
	Side-by-side (IDF24, IDF24L)	REKSJ20
	Side-by-side (RE2, RE4, IDF32)	REKSJ30
	Side-by-side (RE4X, IDF42)	REKSJ40
Padlock Hasp Kit	–	REKH
For mounting NSO modules (see section V, page V-34 and V-35)	–	REKHS
Recessed Mounting Kit	24.0"	REKR24
	32.0"	REKR32
	42.0"	REKR42
Reverse Hinge Kit	–	REKI
Sound Dampening Kit	–	REKS

Note: For more accessories, see page P-17.



Network Wiring

Wall Mounted Enclosures

Enterprise Grade Commercial Products

QUADCAB® Wall Mount Enclosure

Cabinet Depth	Door Style	Color*	Catalog Number
20.0"	Window	Black	HSQxx
26.0"	Window	Black	HSQxx26
36.0"	Window	Black	HSQxx36
20.0"	Solid	Black	HSQxxS
26.0"	Solid	Black	HSQxxS26
36.0"	Solid	Black	HSQxxS36

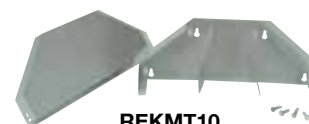
Note: **xx** = Height in inches. '24' = 24"/12 Rack Units; '36' = 36"/19 Rack Units; '48' = 48"/26 Rack Units

* For Office White, add "**OW**" to the end of the catalog number.

Delivery: 1 rear section (arrives disassembled, facilitating installation), 1 front door. 2 19-inch mounting angles, 1 center section with 2 CH751 locks, 2 top/bottom cover plates, 2 hinge pins, and 2 security cotter pins.

**HSQ2626****RE-BOX® and QUADCAB® Wall Mount Enclosure Accessories**

Description	Size	Catalog Number
¾ Inch Plywood Backboard	20.0" x 19.0"	REKBB20
	30.0" x 19.0"	REKBB30
	40.0" x 19.0"	REKBB40
110/66 Block Mounting Rails	–	REK110
DIN Rail Utility Box	–	DRUBTVSS15
DIN Rail Communications Kit	–	HIDRUBCKIT
Equipment Mounting Bracket	8.75"	REKZ
	5.25"	REKZL
Fiber Optic Bracket	–	REKFP
Filler Panel	3.5"H	MCCBP350
Gasket Kit - Padded grommet	30'	HWKGT
Gasket Kit - Adhesive Backed Foam	10'	REKG
Ground Kit	–	REKGB
Ground Strap Kit, Economy	–	REKEGS
Lock Kits	CH751	CKL751
	333	CKL333
	Bellcore 716	CKL716
	Cat60	CKLCAT60
	Cat70	CKLCAT70
Patch Panel Mounting Bracket	7.0"	REK19
	3.5"	REK19L
Power Kit, 20A	–	REKP
Super Base Trak Adapter	–	REKMT10
Thermostat	–	CTK

**REKZ****REKFP****HIDRUBCKIT****REKP****REKGB****REKMT10****CTK**

Network Wiring

Cable Management Racks

Enterprise Grade Commercial Products



HPW84RR19 HPW84RR19ML

Equipment Racks

Rack Height	Rack Units	Mounting Width	Finish*	Catalog Number
48.0" (1219)	24	19.0" (483)	Black	HPW48RR19
48.0" (1219)	24	23.0" (584)	Black	HPW48RR23
68.5" (1676)	36	19.0" (483)	Black	HPW66RR19
84.0" (2134)	45	19.0" (483)	Black	HPW84RR19
84.0" (2134)	45	23.0" (584)	Black	HPW84RR23
89.7" (2286)	48	19.0" (483)	Black	HPW90RR19
89.7" (2286)	48	23.0" (584)	Black	HPW90RR23
96.0" (2438)	51	19.0" (483)	Black	HPW96RR19
96.0" (2438)	51	23.0" (584)	Black	HPW96RR23

Note: Shipped unassembled.
* For aluminum mill finish rack, add "ML" to end of catalog number.

19-Inch Equipment Racks with 6-Inch Wide 'Z' Channels

Rack Height	Rack Units	Finish	Cover Style	Catalog Number
7.0' (2134)	45	Black	Hinged	CS1976H
7.0' (2134)	45	Black	Clip on	CS1976
7.0' (2134)	45	Aluminum	Clip on	CS1976A

Note: Delivery: 1 Rack, 7'H (HPW84RR19); 2 Vertical Organizers (VS76/VS76A – see P-21).

19-Inch Equipment Racks with 3.25-Inch Wide 'C' Channels

Rack Height	Rack Units	Finish	Cover Style	Catalog Number
7.0' (2134)	45	Black	Hinged	CS1973H
7.0' (2134)	45	Black	Clip on	CS1973
7.0' (2134)	45	Aluminum	Clip on	CS1973A

Note: Delivery: 1 Rack, 7'H (HPW84RR19); 2 Vertical Organizers (VS73/VS73A – see P-19); 4 Covers (VCC3/VCC3A).



Network Wiring

Cable Management Racks

Enterprise Grade Commercial Products

**Vertical Channels for 7-Foot Rack**

Hinged Cover Color	Rack Height	6"W Catalog Number	3.25"W Catalog Number
Black	7' (2134)	VS76H	VS73H
6-Inch 'Z' Channel with Cover	Rack Height	Black Catalog Number	Aluminum Catalog Number
	7' (2134) or 7.5' (2286)	VS76	VS76A
	8' (2438)	VS86	VS86A
¾-Inch 'C' Channel	Rack Height	Black Catalog Number	Aluminum Catalog Number
	7' (2134)	VS73	VS73A

**VS76H****Metal Organizers, 19-Inch Wide**

Rack Units	Panel Height	Front Ring Depth	Rear Ring Depth	Catalog Number
1U	1.75"	3.5"	6.0"	HC119GC36*
1U	1.75"	3.5"	—	HC119MS3N
2U	3.5"	3.5"	—	HC219CE3N
2U	3.5"	6.0"	—	HC219CE6N
2U	3.5"	3.5"	4.6"	HC219CC3N
2U	3.5"	3.5"	—	HC219MS3N
3U	5.25"	6.0"	—	HC319CE6N

Note: * Includes rear wire frame and rear cover—no pass-through holes.

**HC219CC3N****Plastic Finger Duct Organizers**

Rack Units	Panel Height	Front Duct Depth	Rear Duct Depth	Catalog Number
2U	3.5"	3.0"	5.0"	HC219CC3P
2U	3.5"	3.0"	—	HC219CE3P
1U	1.75"	3.0"	5.0"	HC119CC3P
1U	1.75"	3.0"	—	HC119CE3P

**HC119CC3P**



Network Wiring

Power Strips

Enterprise Grade Commercial Products

Power Strips, 19-Inch Rack Mount

All units utilize 1U of rack space and include circuit breakers (except PR10720). 15A units feature 10-foot cable with NEMA 5-15P plug; 20A units feature 10-foot cable with NEMA 5-20P plug. Delivery: 1 strip, 1 kit mounting hardware.



HPWPWR



MCCPSS19TS

Electrical Specification	Receptacle Type	Outlets Front	Outlets Rear	Mounting Style	Surge Protected	Transformer Spaced	Switch	Current Monitor	Catalog Number
15A/120V	NEMA 5-15R	0	10	Flush	No	No	Yes	No	HPWPWR
15A/120V	NEMA 5-15R	0	10	Flush	Yes*	No	Yes	No	MCCPSS19
15A/120V	NEMA 5-15R	4	4	Recess	Yes*	Yes	No	No	MCCPSS19TS
20A/120V	NEMA 5-20R	0	10	Flush	No	No	No	No	PR10120
20/16A, 120/250V	IEC 320-C13	10	0	Flush	No	No	Yes	No	PR10720**
15A/120V	NEMA 5-15R	0	6	Flush	No	No	No	No	PR0615
20A/120V	NEMA 5-20R	0	10	Flush	No	No	Yes	Yes	PR1020
60A/250V	IEC 320-C19	0	3	Adjustable	No	N/A	CB/Switch	No	PR0360***

Note: * Joule rating = 720J.

** PR10720 includes an IEC 320 (C-20) inlet for power input. Vertical mount brackets are also included.

*** PR0360 features 10' cable with IEC 60A 2P/3W plug.

Power Strips, Vertical Mount

All units include circuit breakers and full length mounting bracket. All units feature 10-foot cable (except PR208201). Delivery: 1 strip, 1 kit mounting hardware, universal mounting brackets.



PR20620

Electrical Specification	Receptacle Type	Outlets Front	Plug Type	Number of Circuits	Surge Protected	Switch	Current Monitor	Catalog Number
15A/120V	NEMA 5-15R	10	NEMA 5-15P	1	No	No	No	PR104
20A/120V	NEMA 5-20R	10	NEMA 5-20P	1	No	No	No	PR10420
15A/120V	NEMA 5-15R	20	NEMA 5-15P	1	No	No	No	PR206
20A/120V	NEMA 5-20R	20	NEMA 5-20P	1	No	No	No	PR20620
20A/120V	NEMA 5-20R	20	NEMA 5-20P	1	No	Yes	Yes	PR20820DRTL
30A/120V	NEMA 5-20R	20	NEMA L5-30P	1	No	No	No	PR20830
20/16A/circuit 120V	NEMA 5-20R	20	NEMA 5-20P	2	No	No	No	PR20820A*
20/16A-120/250V	IEC 320C-13	20	IEC 320 C20	1	No	No	No	PR20820I**
30/24A-250V	IEC 320C-13	24	NEMA L6-30P	1	No	No	No	PR24

Note: * PR20820A features (2) 20A circuits each fed by 10-foot cable with NEMA 5-20 plug.

** PR20820I includes an IEC 320 (C-20) inlet for power input.

Mounting Brackets for Power Strips



PRAMB



PRSLB4

Power Strip Style	Description	Catalog Number
19" Rack Mount	Adjustable mounting brackets; allows numerous recess or flush mount options.	PRAMB
19" Rack Mount	Panel mount brackets; ideal for zero 'U' mounting applications by effectively allowing the unit to be hung from a cross beam or flat surface.	PRPMB
Vertical Mount	'L' brackets – turned 'in', these are ideal for rack/rail mounting. Turned 'out' they extend your mounting options an additional 8 inches.	PRSLB4
Vertical Mount	Provides left, right, front or back rail mounting. May be installed in conjunction with other equipment mounted in the same 'U' space.	PREZB

Mounting Brackets Options

Type	Catalog Number	Integral Fixed Brackets	Pre-Assembled Brackets Included	Optional Brackets Available
19" Rack Mount	HPWPWR	Flush Mount	N/A	N/A
	MCCPSS19			
	PR10120			
	PR0615			
	PR1020			
	MCCPSS19TS	N/A	Recess Mount	PRAMB PRPMB
Vertical Mount	PR10720	N/A	Flush Mount and PRSLB4	PREZB
	PR0360	N/A	PRAMB	PRPMB
	PR104	N/A	Full Length	PRSLB4 PREZB
	PR10420			
	PR206			
	PR20620			
	PR20820A			
	PR20820I			
	PR20820DRTL			
	PR24			
	PR20830			

Network Wiring

Ladder Racks

Enterprise Grade Commercial Products



Specifications

- Modular system — easily configured for new and existing cable routing.
- Mounts to floors, walls, ceilings, equipment racks, and cabinets.
- Tip: Secure Ladder to Cabinet tops using J-bolt and drilling holes as required.
- Material: 16-gauge tubular steel.
- Durable powder coat finish.
- Stringer dimensions: 0.375" W x 1.5" H (9.5 x 38.1).
- Rung spacing: 9.0".

Ladder Rack

Straight Section

Width	Catalog No. Black 6' (1829) Length	Catalog No. Gray 6' (1829) Length	Catalog No. Black 10' (3048) Length	Catalog No. Gray 10' (3048) Length
6.0" (152)	HLS0606B	HLS0606G	HLS1006B	HLS1006G
12.0" (305)	HLS0612B	HLS0612G	HLS1012B	HLS1012G
18.0" (457)	HLS0618B	HLS0618G	HLS1018B	HLS1018G
24.0" (610)	HLS0624B	HLS0624G	HLS1024B	HLS1024G

Note: Please order straight sections in multiples of 10 pieces.
Width = outside to outside dimensions.

90° Turns

Color: Black Width	Inside Radius 90° Catalog Number	Flat Turns 90° Catalog Number	Outside Radius 90° Catalog Number
6.0" (152)	HLI0690X	HLF0690X	HLO0690X
12.0" (305)	HLI1290X	HLF1290X	HLO1290X
18.0" (457)	HLI1890X	HLF1890X	HLO1890X
24.0" (610)	HLI2490X	HLF2490X	HLO2490X

Note: X = Color: "B" = Black; "G" = Gray.

Ladder Rack Accessories

Description	Catalog Number
Butt Splice Kit	HLBSK
Cable Radius Drop	6.0" (152) (can also be mounted on stringer) HLCD06 12.0" (305) HLCD12 18.0" (457) HLCD18 Stringer HLCD5
Cable Retaining	6.0" (8.3" actual height) HLP06X
Fence Posts	8.0" (10.4" actual height) HLP08X 10.0" (12.4" actual height) HLP10X
Ceiling Mounting Kit	HLCMK
Brackets only	HLCF
Foot Kit	HLRF
J-Bolt Kit	HLJB
Protective End Caps (Qty. = 2)	HLECPK2
Relay Rack Mounting Kit, 5.4"D	HLMPK19
Swivel Splice Kit	HLSSK
T-Junction Splice Kit	HLTK
Triangle Wall Support	6.0" (152) HLTSB06X 12.0" (305) HLTSB12X 18.0" (457) HLTSB18X 24.0" (610) HLTSB24X
Vertical Wall Bracket	HLVWBK
Wall Angle Support	6.0" to 12.0" (152 to 305) HLX0612 18.0" (457) HLX1518 24.0" (610) HLX24
Wall/Rack Mounting Kit	HLWRK

Note: X = Color: "B" = Black; "G" = Gray.





Network Wiring

Tools and Accessories

Enterprise Grade Commercial Products



TX4P

1-Punch Jack Termination Tool

The “1-Punch” XJ Tool and XCELERATOR™ Jacks are made for each other. This tool should be used exclusively with XCELERATOR™ jacks. Additionally, it is necessary to use this with the HXTA termination aid.

Description	Catalog Number
1-Punch XJ tool with head, blades and HXTA termination aid	TX4P
1-Punch XJ replacement head (includes blades)	TX4PH
1-Punch XJ replacement blades	TX4PHBL
Hand Termination Aid “Jack Knuckles”	HXTA
Snap-X Termination Puck (Bag of 25)	HXTP25



TX4PP

1-Punch Panel Termination Tool

Description	For use with	Catalog Number
1-Punch panel tool with head and blades	P6EXXU panel	TX4PP
1-Punch panel replacement head	P6EXXU panel	TX4PPH
1-Punch panel replacement blades	P6EXXU panel	TX4PPBL



TPD110

110 Punch-Down Tool

Comfortable, ergonomic grip with insulated, rubber-embedded handle. Terminated 28-22AWG solid/stranded wire. High visibility colors. Lanyard holes in the handle end. Latching blade storage cover. Adjustable high- and low-impact settings. Twist and lock blades.

Description	Catalog Number
Standard 110 punch-down tool	TPD110
1-pair XJ 110 blade	TBLH
Punch-down tool, 1-pair	TPDH
Replacement 110 blade	TBL110
Replacement 66 Blade	TBL66



TBLH

Tool Kits

- Punch-down tool with 110 and 66 blades; and rubber-embedded handle
- Durable, black, nylon belt pouch
- Belt pouch fits up to 2½ inch belt (slide on style)

Description	Catalog Number
3-Piece Tool Kit	TK3
Delivery: 1 punch-down tool with 110 and 66 blades, 1 pair of snips, and 1 belt pouch	



TK3

Description	Catalog Number
8-Piece Tool Kit	TK8
Delivery: 1 punch-down tool with 110 and 66 blades, 1 pair of snips, 4-bit screwdriver, UTP/STP cable stripper/cutter, Maglite™, 1 belt pouch, and 1 Snap-X termination aid	



TK8

Maglite™ is a trademark of Mag Instruments, Inc.



Network Wiring

Tools and Accessories

Enterprise Grade Commercial Products

Crimp Tools

- Universal frame accepts interchangeable dies to crimp different plugs.
- Color-coded die-sets for different plug sizes.
- Complete ratchet cycle release assures no-fault crimps.

Description	Catalog Number
Crimp Tool Frame (die-sets sold separately).	UCT
Complete tool kit in hard, plastic case includes: crimp tool, UTP cable stripper and 3 die-sets (RJ45, RJ22 and RJ11).	UCTKIT
RG6 Compression Connector (optional die-set not included in tool kit).	FRG6C25
RG59 Compression Connector (optional die-set not included in tool kit).	FRG5925
RJ11 die-set.	CDTSR11
RJ22 die-set.	CDTSR22
RJ45 die-set, non-snagless.	CDTSR45
RJ45 die-set, snagless.	CDTSR45S
RG6 and RG59 Hex Crimp die-set.	CDTSRG659
Economy Crimp Tool – includes non-replaceable RJ11, RJ22 and RJ45 die-sets.	ECT



RG6 or RG59 Compression Tool

Use to terminate onto 75 ohm RG6 or RG59 coaxial cable.
(Order 1 to receive a bag of 10 connectors.)

Termination Type	Cable Type	Number of Pieces	Catalog Number
Compression	RG6/RG6 Quad Shield	1	FRG625
Compression	RG59	1	FRG5925
Crimp	RG6	1	FRG6C25

Description	Catalog Numbers
RG6 and RG59 Compression Tool	COMPTRG659
Coaxial Stripping Tool	CSTRPR



Communications Cable Stripper/Cutter

- Strips round Cat. 5e and 6 UTP/STP
- Cuts cable
- Strips flat cables
- Compact size
- High-visibility for quick locating

Description	Catalog Number
Communications Cable Stripper/Cutter; strips round Cat. 5e and Cat. 6 UTP/STP with diameters of 0.145 to 0.275 in. (3.7 to 7.0) ; cuts round UTP/STP cables up to 0.350 in. (8.9); adjusting screw for varied cable diameters to avoid scoring interior conductor insulation; high-visibility for quick locating; strips flat cables; non-metallic body	TCS3



Hand Held 110 Termination Tool

Description	Catalog Number
Designed as an economical alternative for low volume use where the installer press fits the conductors	NS4





Network Wiring

Standard UTP Wiring Conventions

Enterprise Grade Commercial Products

Horizontal UTP Cable and Patch Cords

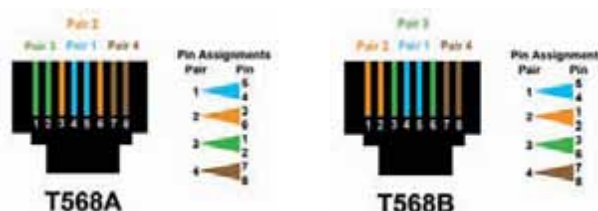
- Solid copper 4-pair 24 AWG UTP is specified for distribution cabling. Stranded UTP is specified for patch cords for flexibility. Shielded cable is not commonly used in the U.S. Splices bridge taps are not permitted.
- Cable, connectors and patch cords shall be marked with the performance category. Always match performance categories of cables and components throughout the infrastructure.
- All cable, cords and connecting hardware shall meet performance requirements of ANSI/TIA/EIA-568-B.1 and 568-B.2. Hubbell assures this compliance with all products and cable partners.

COLOR CODING:

	white-blue/blue
	white-orange/orange
	white-green/green
	white-brown/brown

Recognized Connector and Wiring Configurations

- 8-position modular jack/plug.
- 8-position modular panel/plug.
- T568A wiring or T568B wiring options.
- Cat. 5e or Cat. 6 recommended.



RJ 45 - TIA/EIA-568 Conventions

Two wiring standards were adopted. Both configurations provide equivalent transmission performance.



- Preferred method
- Directly compatible with 2-pair voice and Token Ring systems utilizing 6-position connectors



- Optional method
- AT&T's standard
- Directly compatible with AT&T phone systems

LAN Wiring Conventions

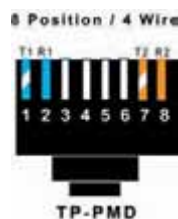
Local Area Network standards designed to operate over UTP specify pin/pair assignments on modular connectors for various signal transmission protocols. While TIA/EIA-568A and 568B conventions support all of these designs, there are some cases where the user chooses to cable only the number of pairs required to support these applications.



- 10 Mbps Ethernet over UTP
- 100 Mbps Ethernet



- 4/16 Mbps Token Ring over copper



- 100 Mbps FDDI over copper (pending)



- 1000 Mbps/10Gb Ethernet over UTP
- Uses all four pairs