



Table of Contents



Jacks and Connectors



AV In-Wall Enclosure and HDMI Products



Modular Snap Fit Jacks and Molded-In Voice/Data/Video



Product	Page
Products at a Glance	Y-2
Modular Jacks	Y-4
Digital AV Connections	Y-5
Video Connections	Y-6
AV Connectors	Y-7
Audio Connectors	Y-8
Hubbell iSTATION Wallplates	Y-9
Hubbell iSTATION Outlet Frames and Secure-IT Plates	Y-10
AV 110 Everywhere™ Analog AV Over UTP	Y-11
AV Modules	Y-12
Wallplate Frames, Delivery Bezels, Modules and Gangable AV Wallboxes	Y-13
Modules and Frames	Y-14

Product	Page
Hubbell iSTATION Surface Mount Boxes	Y-15
Universal Patch Panels and Wall Mount Brackets	Y-16
NSC Patch Cords	Y-17
In-Wall AV Delivery	Y-18
HDMI Products	Y-19
Advantages and Wiring Layout	Y-20
Network Enclosures	Y-21
Network Modules	Y-22
Audio/Video Modules	Y-23
Accessories	Y-24
Molded-In Voice/Data/Video	Y-25
Molded-In Plates	Y-26
Telephone Wall Jacks	Y-27
Standard UTP Wiring Conventions	Y-28



Products at a Glance



Jacks and Connectors

- NEXTSPEED® Category 6 system is designed to deliver headroom beyond 500 MHz
- Category 5e supports 10/100/1000BASE-T applications with usable bandwidth of 190 MHz in the channel
- F-Type connectors distribute high quality video signal to the workstation
- RCA connectors distribute component and composite audio and video signals from device to device



Modular Snap Fit Jacks

- Customize the jack selections and look
- Quick and secure snap-in design
- Hi impact-resistant thermoplastic frame
- Audio/Video connectors are available in standard bulkhead or recessed



In-Wall AV Delivery and HDMI Products

- 18 Gauge white powder coated rugged steel base
- 2-Gang enclosure with two 1½ and 1¼ inch KOs
- Stud or sheetrock mounting integrated
- Supplied ABS trim ring quickly cleans up sheetrock rough-in
- Optional screw on cover reduces tampering
- cULus 1863 Listed



Patch Panels and Wall Mount Brackets

- Zero-crosstalk contact structure provides the highest performance while maintaining true balance
- Rear cable manager bars maintain termination integrity
- Integrated port and panel labeling, as well as port icon attachment
- Labeling, termination and aesthetics shared across all performance categories, sizes and configurations



Molded-In Voice/Data/Video

- Decorator frames provide a stylized look for that finishing touch
- Elongated strap for better wall box mounting
- High impact-resistant thermoplastic frame
- UL Listed 1863 - Communication Circuit Accessory and CSA Certified



Network Enclosures

- Flush or surface mount enclosure (hardware provided)
- Hinged cover can be mounted to swing from either side
- Integral trim ring hides rough-in hole in sheet rock providing a finished appearance
- Horizontal and vertical module mounting holes for maximum flexibility



Network and Audio/Video Modules

- netSELECT® modular components enable the designer to select performance requirements specifically for the application
- Modules snap horizontally or vertically into the enclosures for maximum flexibility and optimum space usage
- netSELECT® video modules support bidirectional signal by splitting to 4, 6, or 8 separate work areas

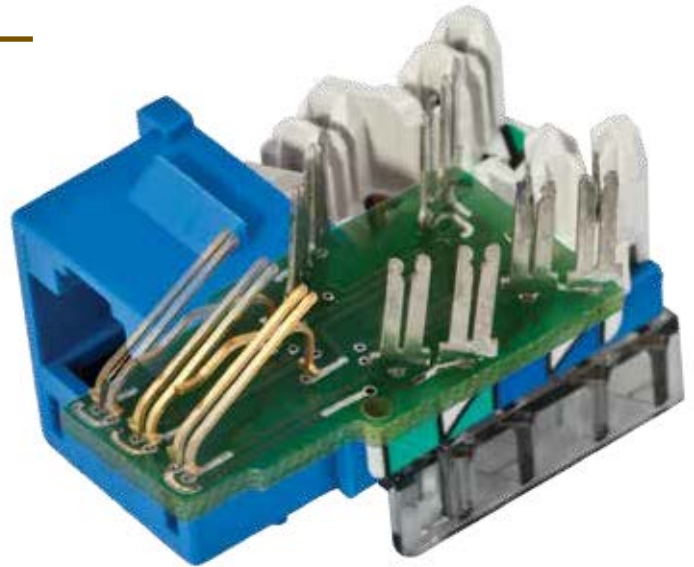
Features and Benefits

Hubbell Xcelerator Jacks, Category 6, 5e and USOC

The NEXTSPEED® Category 6 system is designed to deliver headroom beyond 500 MHz for dependable Multi-gigabit Ethernet applications. NEXTSPEED's extended bandwidth provides reliability with zero bit error rate performance for today's high speed digital communications. The Category 5e supports 10/100/1000BASE-T applications with usable bandwidth of 190 MHz in the channel.

Hubbell's work area solutions and modular connectivity have many innovative features that integrate into a wide range of Hubbell products—floor boxes, patch panels, conference table boxes, fire-rated poke-throughs and wallplates.

- TIA-568.2-D Category 6 component
- IEC 60603-7-4 Category 6 component
- Qualified to 150% of IEEE 802.3bt current level
- IEEE 802.3an 10GBASE-T

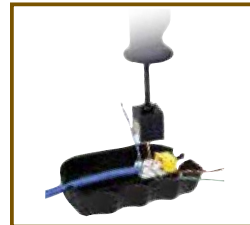


HXJ6B



Housing Design

- One-piece, engineered thermoplastic housing is impact-resistant for heavy-duty industrial environments
- Blades are recessed for protection against bending and breaking
- Closure cap is included for environmental seal when device is not in use



Labor Savings

- Exclusive 1-Punch Tool, terminates within seconds



Universal Wiring

- Two distinct labels eliminate wiring confusion, T568B or T568A



IDC Lacing

- IDC towers have a blade feature to assist pair splitting during termination



Specifications

- Mating cycles: 2500
- Manufacturing: 100% factory tested

Enterprise Grade Jacks



NEXTSPEED® Category 6 Jacks

Color	Single Pack	25-Pack
Black	HXJ6BK	HXJ6BK25
Blue	HXJ6B	HXJ6B25
Electric Ivory	HXJ6EI	HXJ6EI25
Gold	-	HXJ6GL25
Gray	HXJ6GY	HXJ6GY25
Green	HXJ6GN	HXJ6GN25
Office White	HXJ6OW	HXJ6OW25
Orange	HXJ6OR	HXJ6OR25
Purple	-	HXJ6P25
Red	HXJ6R	HXJ6R25
White	HXJ6W	HXJ6W25
Yellow	HXJ6Y	HXJ6Y25

NEXTSPEED® Category 5e Jacks

Color	Single Pack	25-Pack
Black	HXJ5EBK	HXJ5EBK25
Blue	HXJ5EB	HXJ5EB25
Electric Ivory	HXJ5EEI	HXJ5EEI25
Gold	-	HXJ5EGL25
Gray	HXJ5EGY	HXJ5EGY25
Green	HXJ5EGN	HXJ5EGN25
Office White	HXJ5EOW	HXJ5EOW25
Orange	HXJ5EOR	HXJ5EOR25
Purple	-	HXJ5EP25
Red	HXJ5ER	HXJ5ER25
White	HXJ5EW	HXJ5EW25
Yellow	HXJ5EY	HXJ5EY25

USOC Jacks, RJ-25

Color	Single Pack
Black	HXJUBK
Blue	HXJUB
Electric Ivory	HXJUEI
Gold	-
Gray	HXJUGY
Green	HXJUGN
Office White	HXJUOW
Orange	HXJUOR
Purple	-
Red	HXJUR
White	HXJUW
Yellow	HXJUY

Note: Also available in 100 packs.



netSELECT® Jacks

Color	Category 6 Jack		Category 5e Jack		USOC Jack (single)
	(single)	(25 pack)	(single)	(25 pack)	
Black	NSJ6BK	NSJ6BK25	NSJ5EBK	NSJ5EBK25	NSJUBK
Blue	NSJ6B	NSJ6B25	NSJ5EB	NSJ5EB25	NSJUB
Gray	NSJ6GY	NSJ6GY25	NSJ5EGY	NSJ5EGY25	NSJUGY
Green	NSJ6GN	NSJ6GN25	NSJ5EGN	NSJ5EGN25	NSJUGN
Ivory	NSJ6I	NSJ6I25	NSJ5EI	NSJ5EI25	NSJUI
Light Almond	NSJ6LA	NSJ6LA25	NSJ5ELA	NSJ5ELA25	NSJULA
Orange	NSJ6OR	NSJ6OR25	NSJ5EOR	NSJ5EOR25	NSJUOR
Red	NSJ6R	NSJ6R25	NSJ5ER	NSJ5ER25	NSJUR
White	NSJ6W	NSJ6W25	NSJ5EW	NSJ5EW25	NSJUW
Yellow	NSJ6Y	NSJ6Y25	NSJ5EY	NSJ5EY25	NSJUY



Jack Icons, XJ Series

100-Pack, snaps onto jack nose



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

Note: Cannot be used with SJ jack series.

Custom Icon numbering and labeling available. Contact Customer Service for details.



SecureIT™ RJ-45 Port Blocker

Description	Catalog Number
Locking RJ-45 port blocker	RJ45PB50

Note: Fits any RJ-45 port.



Jack Dust Covers, XJ Series

Description	Catalog Number
Polypropylene, clear, 25-pack	HXJDC25

Note: Mounts within the icon slots located above the RJ45 opening. Cannot be used with SJ jack series.



Digital AV Connections



RJ-45 Couplers

Female to female couplers

Housing Color	Category 6, Pass-Thru	Category 5e, Pass-Thru	Category 5e, Cross Over 10/100BASE-T	Category 6, Shielded Pass-Thru
Black	SFC6BK	SFC5EBK	-	Lead free tinned shield SFSC6
Gray	-	-	SF5ECOBY	
White	SFC6W	SFC5EW	-	



USB Connectors

Pass-thru, female to female couplers

Housing Color	USB 3.0, A to A	USB 3.0, A to B	USB 2.0, A to A	USB 2.0, A to B
Black	SFUSBAA3BK	SFUSBAB3BK	-	-
Blue	-	-	SFUSBAAB	SFUSBABB
Office White	-	-	SFUSBAAOW	SFUSBABOW
White	-	-	SFUSBAAW	SFUSBABW



HDMI Connectors for IMB and ISFB Series

Color	HDMI Feed-Thru	HDMI Feed-Thru Coupler	HDMI Feed-Thru 3-Inch Tail
Black	SFHC14BK	HDMIC14	HDMIT14
White	SFHC14W	-	-

HDMI Decorator Frames

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



HDMI Non-Active Horizontal Patch Cords

Black, non-plenum, #24 AWG

Length (ft)	HDMI Device Patch Cords	In-Wall Cords (Male w/ Screw to Male w/ Screw)	Patch Cords (Male to Male w/ Secure Screw)	Coupler Cords (Male to Female)
3	HDPC03BK	-	-	-
6	HDPC06BK	-	-	-
10	-	HDH10BK	HDL10BK	HDC10BK
15	-	HDH15BK	HDL15BK	HDC15BK
20	-	HDH20BK	HDL20BK	HDC20BK
25	-	HDH25BK	HDL25BK	HDC25BK
30	-	HDH30BK	HDL30BK	HDC30BK



Video Connections



F-Type Connectors

Pass-thru, F/F coupler

Color	Nickel		Gold			
	2GHz	netSELECT F-Type Coupler Bulkhead, Female to Female	3GHz	2GHz	Recessed	RCA to F-Connector
Almond	SFFALX	–	SFF3GAL	SFFGAL	–	–
Black	SFFBX	NSF70BK	SFF3GBK	SFFGBK	SFGRFBK	SFRFGBK
Gray	SFFGX	NSF70GY	SFF3GGY	SFFGGY	SFGRFGY	SFRFGGY
Ivory	SFFEX	NSF70I	SFF3GEI	SFFGEI	SFGRFEI	SFRFGEI
Office White	SFFX	NSF70LA	SFF3GOW	SFFGOW	SFGRFOW	SFRFGOW
White	SFFWX	NSF70W	SFF3GW	SFFGW	SFGRFW	SFRFGW

F-Connector Plugs

25-pack

Termination Type	Cable Type	Catalog Number.
Compression	RG6	FRG625



Blank Connectors

10-pack

Color	Blank Connector	Smooth Blank Connector
Almond	SFBAL10	SFSBAL10
Black	SFBB10	SFSBBK10
Gray	SFBG10	SFSBGY10
Ivory	SFBE10	SFSBEI10
Light Almond	–	SFSBLA10
Office White	SFB10	–
White	SFBW10	SFSBW10



Screw Terminal

	HD 9-Pin	HD 15-Pin	HD 15-Pin, Front Mount
10-Pack	9ST10	15ST10	SF15ST



Gender Changers

Female to female couplers

	15-Pin, 90°	HD 9-Pin	HD 15-Pin
Single Pack	15901	–	–
10-Pack	–	9GC10	15GC10

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

AV Connections



RCA Connectors, Solder Termination

Housing Color	Insulator Color						
	Black	Blue	Green	Orange	Red	White	Yellow
Almond	-	SFRCBAL	SFRCGNAL	SFRCORAL	SFRCRAL	SFRCWAL	SFRCYAL
Black	SFRCBKBK	SFRCBBK	SFRCGNBK	SFRCORBK	SFRCRBK	SFRCWBK	SFRCYBK
Gray	SFRCBKGY	SFRCBGY	SFRCNGY	SFRCORGY	SFRCRGY	SFRCWGY	SFRCYGY
Ivory	SFRCBEI	SFRCBEI	SFRCGNEI	SFRCOREI	SFRCREI	SFRCWEI	SFRCYEI
Office White	-	SFRCBOW	SFRCGNOW	SFRCOROW	SFRCROW	SFRCW	SFRCY
White	SFRCBKW	SFRCBW	SFRCGNW	SFRCORW	SFRCRW	SFRCWW	SFRCYW



RCA Connectors, Pass-Thru, Recessed

Housing Color	Insulator Color						
	Black	Blue	Green	Orange	Red	White	Yellow
Almond	SFRCBKRAL	SFRCBRAL	SFRCGNRAL	SFRCORRAL	SFRCRRAL	SFRCWRAL	SFRCYRAL
Black	SFRCBKRK	SFRCBRBK	SFRCGNRBK	SFRCORRBK	SFRCRRBK	SFRCWRBK	SFRCYRBK
Gray	SFRCBKRGY	SFRCBRGY	SFRCGNRGY	SFRCORRGY	SFRCRRGY	SFRCWRGY	SFRCYRGY
Ivory	SFRCBKREI	SFRCBREI	SFRCGNREI	SFRCORREI	SFRCRREI	SFRCWREI	SFRCYREI
Office White	SFRCBKROW	SFRCBROW	SFRCGNROW	SFRCORROW	SFRCRROW	SFRCWROW	SFRCYROW
White	SFRCBKRW	SFRCBRW	SFRCGNRW	SFRCORRW	SFRCRRW	SFRCWRW	SFRCYRW



RCA Connectors, Pass-Thru, Gold, Female to Female Coupler

Housing Color	Insulator Color						
	Black	Blue	Green	Orange	Red	White	Yellow
Almond	SFRCBKFFAL	SFRCBFFAL	SFRCGNFFAL	SFRCORFFAL	SFRCRFFAL	SFRCWFFAL	SFRCYFFAL
Black	SFRCBKFFBK	SFRCBFFBK	SFRCGNFFBK	SFRCORFFBK	SFRCRFFBK	SFRCWFFBK	SFRCYFFBK
Gray	SFRCBKFFGY	SFRCBFFGY	SFRCGNFFGY	SFRCORFFGY	SFRCRFFGY	SFRCWFFGY	SFRCYFFGY
Ivory	SFRCBKFFEI	SFRCBFFEI	SFRCGNFFEI	SFRCORFFEI	SFRCRFFEI	SFRCWFFEI	SFRCYFFEI
Office White	SFRCBKFF	SFRCBFFOW	SFRCGNFFOW	SFRCORFFOW	SFRCRFF	SFRCWFF	SFRCYFF
White	SFRCBKFFW	SFRCBFFW	SFRCGNFFW	SFRCORFFW	SFRCRFFW	SFRCWFFW	SFRCYFFW



Audio Connections



3.5mm Stereo Jacks

Color	3.5mm to Solder	3.5mm to Screw Terminal	3.5mm Pass-Thru, F/F Coupler	3.5mm Pass-Thru, Gold, F/F Coupler
Almond	SF35SJAL	SF35STAL	SF35FFAL	SF35GFFAL
Black	SF35SJBK	SF35STBK	SF35FFBK	SF35GFFBK
Gray	SF35SJGY	SF35STGY	SF35FFGY	SF35GFFGY
Ivory	SF35SJEI	SF35STEI	SF35FFEI	SF35GFFEI
Office White	SF35SJ	SF35STOW	SF35FFOW	SF35GFFOW
White	SF35SJW	SF35STW	SF35FFW	SF35GFFW

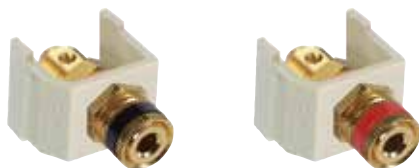


1/4" Stereo Jack

Solder	Catalog Number
Almond	SF14SJAL
Black	SF14SJBK
Gray	SF14SJGY
Ivory	SF14SJEI
Office White	SF14SJOW
White	SF14SJW

BNC Connectors

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



Speaker Post Connectors

Screw termination, gold	Black	Red
Almond	SFSPGBKAL	SFSPGRAL
Black	SFSPGBKBK	SFSPGRBK
Gray	SFSPGBKGY	SFSPGRGY
Ivory	SFSPGBKEI	SFSPGREI
Office White	SFSPGBK	SFSPGR
White	SFSPGBKW	SFSPGRW



Speaker Banana Plugs

Screw termination, gold	Black	Red
10-pack	SPPBK10	SPPR10



3.5mm to 110 Termination Stereo Jacks

Extend up to 75ft (23m) over single 4-pair UTP cable	3.5mm to 110 Termination
Black	SF35110BK



RCA Connectors, 110 Punch-Down

Extend up to 75ft (23m) over single 4-pair UTP cable; housing color is black

Insulator Color	Catalog Number
Blue	SFRC110B
Green	SFRC110GN
Red	SFRC110R
White	SFRC110W
Yellow	SFRC110Y



Hubbell iSTATION Wallplates

IFP Wallplates with Label Fields, 1 and 2-Gang



Color	1-Gang				2-Gang			
	1-Port	2-Port	3-Port	4-Port	6-Port	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 wallplates match Office White non-metallic raceway, boxes, jacks and connectors.

Multimedia Nylon Wallplates, 1-Gang



Color	1-Gang				
	1-Port	2-Port	3-Port	4-Port	6-Port
Black	NSP11BK	NSP12BK	NSP13BK	NSP14BK	NSP16BK
Gray	NSP11GY	NSP12GY	NSP13GY	NSP14GY	NSP16GY
Ivory	NSP11I	NSP12I	NSP13I	NSP14I	NSP16I
Light Almond	NSP11LA	NSP12LA	NSP13LA	NSP14LA	NSP16LA
White	NSP11W	NSP12W	NSP13W	NSP14W	NSP16W

Stainless Steel Wallplates without Label Fields, 1 and 2-Gang



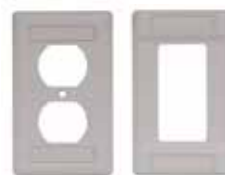
Catalog Number	1-Gang				2-Gang				
	1-Port	2-Port	3-Port	4-Port	6-Port	4-Port	6-Port	9-Port	12-Port
SSF11	SSF12	SSF13	SSF14	SSF16	SSF204	SSF206	SSF209	SSF212	

Stainless Steel Wallplates 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 Wallplates with Label Fields



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

Stainless Steel Wall Mount Phone Plates, 1-Gang

630 Stainless steel, 1-gang wall phone plate.



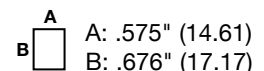
SPUF

SPUR

Jack Format	Includes Gray Jack	Catalog Number
Flush	6-position USOC, RJ25	SPUF
Flush	8-position Cat. 5e, RJ45	SP5EF
Flush	8-position Cat. 6, RJ45	SP6F
Recessed	6-position USOC, RJ25	SPUR
Recessed	8-position Cat. 5e, RJ45	SP5ER
Recessed	8-position Cat. 6, RJ45	SP6R

Opening

Hole size for mounting all Hubbell Jacks.





Hubbell iSTATION Outlet Frames and Secure-IT Plates

Decorator Frames, Unloaded



Color	1-Gang, 1-Port	1-Gang, 2-Port	1-Gang, 3-Port	1-Gang, 4-Port	1-Gang, 6-Port	1-Gang, Adapter .406" (10.30) Dia. Hole*	1-Gang, Adapter Blank**
Black	NS611BK	NS612BK	NS613BK	NS614BK	NS616BK	—	NS620BK
Gray	NS611GY	NS612GY	NS613GY	NS614GY	NS616GY	—	NS620GY
Ivory	NS611I	NS612I	NS613I	NS614I	NS616I	NS621I	NS620I
Light Almond	NS611LA	NS612LA	NS613LA	NS614LA	NS616LA	NS621LA	NS620LA
White	NS611W	NS612W	NS613W	NS614W	NS616W	NS621W	NS620W

Note: *For use with rotary dimmers or to pull through AV or telephone cable.
**To fill an extra decorator opening or to create customized openings.

Decorator HD15/9-Pin or HDMI Frames, Unloaded



Color	HD15/9 or HDMI	(2) HD15/9 or HDMI	(1) Recessed HD15/9 or HDMI
Almond	ISFB15AL	ISFB215AL	ISFBR15AL
Black	ISFB15BK	ISFB215BK	ISFBR15BK
Gray	ISFB15GY	ISFB215GY	ISFBR15GY
Ivory	ISFB15EI	ISFB215EI	ISFBR15EI
Light Almond*	ISFB15LA	ISFB215LA	ISFBR15LA
Office White	ISFB15OW	ISFB215OW	ISFBR15OW
White	ISFB15W	ISFB215W	ISFBR15W

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

Duplex Outlet Frames, Unloaded



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

Secure-IT Plates



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



TPF1W

Tamper-Resistant Plates

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



TWPF1GY

NEMA 3R Weatherproof Plates

Color	1-Gang/4-Port
Gray	TWPF1GY



AV 110 Everywhere™ Analog AV Over UTP

Tamper-Resistant Receptacle with 5V DC Power Output

Description	Color	Catalog Number
USB charger	Black	AVPS15BK
TR receptacle,	Ivory	AVPS15I
(1) USB port 3A,	Gray	AVPS15GY
switched 5V DC output,	Office White	AVPS15LA
15A, 125V AC	White	AVPS15W
decorator duplex		



USB 2.0 High Speed 110 Extenders, 100ft

Description	Color	1.5 Unit Module
4-pair UTP cable	Black	IMU11015BK
installation, up to	Ivory	IMU11015EI
100ft (305m)	Gray	IMU11015GY
	Office White	IMU11015OW
	White	IMU11015W

Note: Product consists of send and receive pair.



HDMI 1080P 110 UTP Extenders

(2) 4-pair UTP cable installation, 5V DC, up to 147ft (45m)

Color	Decorator	2 Unit Module
Black	ISFH110BK	IMH110ST2BK
Ivory	ISFH110EI	IMH110ST2EI
Gray	ISFH110GY	IMH110ST2GY
Office White	ISFH110OW	IMH110ST2OW
White	ISFH110W	IMH110ST2W

Note: Product consists of send and receive pair.



VGA and 3.5mm HD AV Extender

Extend up to 75ft (23m) over two 4-pair UTP cables, 1.5 unit

Color	Catalog Number
Black	IM15311015BK
Gray	IM15311015GY
Ivory	IM15311015EI
Office White	IM15311015OW
White	IM15311015W

Note: Product consists of send and receive pair.



RCA Component with Audio 110 Audio/Video Modules

Extend up to 75ft (23m) over (2) 4-pair UTP cables, 1.5 unit

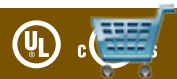
Color	RCA Component Video, Left/Right Audio	RCA Component Video, 3.5mm Audio
Black	IMCAR11015BK	IMC3511015BK
Gray	IMCAR11015GY	IMC3511015GY
Ivory	IMCAR11015EI	IMC3511015EI
Office White	IMCAR11015OW	IMC3511015OW
White	IMCAR11015W	IMC3511015W



RCA 110 Audio/Video Modules

Extend up to 100ft (30.5m) over (1) 4-pair UTP cables, 1 unit

Color	75ft (23m) max.	100ft (30.5m) max.	
	RCA Component Video, HD	RCA Composite Video, Left/Right Audio	RCA Left/Right Audio
Black	IMCR1101BK	IMR1101BK	IMAR1101BK
Gray	IMCR1101GY	IMR1101GY	IMAR1101GY
Ivory	IMCR1101EI	IMR1101EI	IMAR1101EI
Office White	IMCR1101OW	IMR1101OW	IMAR1101OW
White	IMCR1101W	IMR1101W	IMAR1101W



AV Modules



Solder Audio/Video Modules

	1.5 Unit	1 Unit		
Color	RCA Component Video with Left/Right Audio or RGBHV	RCA Component Video	RCA Composite Video with Left/Right Audio	RCA Composite Video, 3.5mm Stereo Audio Jack
Black	IMCRS15BK	IMCRS1BK	IM3RS1BK	IMRSJ1BK
Gray	IMCRS15GY	IMCRS1GY	IM3RS1GY	IMRSJ1GY
Ivory	IMCRS15EI	IMCRS1EI	IM3RS1EI	IMRSJ1EI
Office White	IMCRS15OW	IMCRS1OW	IM3RS1OW	IMRSJ1OW
White	IMCRS15W	IMCRS1W	IM3RS1W	IMRSJ1W



Gold Pass-Through Audio/Video Modules

	Female to female coupler, 1 unit			Speaker post
Color	RCA Component Video	RCA Composite Video with Left/Right Audio	RCA Left/Right Audio with 3.5mm Stereo Audio Jack	Black and Red, Screw Termination
Black	IMCRF1BK	IM3RF1BK	IM35AR1BK	IMSP1BK
Gray	IMCRF1GY	IM3RF1GY	IM35AR1GY	IMSP1GY
Ivory	IMCRF1EI	IM3RF1EI	IM35AR1EI	IMSP1EI
Office White	IMCRF1OW	IM3RF1OW	IM35AR1OW	IMSP1OW
White	IMCRF1W	IM3RF1W	IM35AR1W	IMSP1W



Speaker Banana Plugs

	Screw termination, gold	
	Black	Red
10-pack	SPPBK10	SPPR10

Wallplate Frames, Delivery Bezels, Modules and Gangable AV Wallboxes



Hubbell iSTATION Modular Wallplate Frames

Single-service, low voltage

Color	1-Gang	2-Gang	3-Gang	4-Gang
Black	IMF1BK	IMF2BK	IMF3BK	IMF4BK
Gray	IMF1GY	IMF2GY	IMF3GY	IMF4GY
Ivory	IMF1EI	IMF2EI	IMF3EI	IMF4EI
Office White	IMF1OW	IMF2OW	IMF3OW	IMF4OW
White	IMF1W	IMF2W	IMF3W	IMF4W

Multi-service, power and low voltage

Color	1-Gang Decorator 1-Gang iSTATION	2-Gang Decorator	1-Gang Decorator 2-Gang iSTATION	1-Gang Decorator 3-Gang iSTATION	2-Gang Decorator 2-Gang iSTATION
Black	IMFP1D1BK	IMFP2BK	IMFP1D2BK	IMFP1D3BK	IMFP2D2BK
Gray	IMFP1D1GY	IMFP2GY	IMFP1D2GY	IMFP1D3GY	IMFP2D2GY
Ivory	IMFP1D1EI	IMFP2EI	IMFP1D2EI	IMFP1D3EI	IMFP2D2EI
Office White	IMFP1D1OW	IMFP2OW	IMFP1D2OW	IMFP1D3OW	IMFP2D2OW
White	IMFP1D1W	IMFP2W	IMFP1D2W	IMFP1D3W	IMFP2D2W

Hubbell iSTATION Stainless Steel Plates

1-Gang	2-Gang	3-Gang	4-Gang
IMSS1	IMSS2	IMSS3	IMSS4



Delivery Bezels and Modules

Color	Raceway Bezel	Hubbell iSTATION Bezel for Third-Party Raceway	Furniture Boxes
Black	-	-	HBLIMFBK
Gray	KPIMBZGY	HWAPLGY	HBLIMFGY
Ivory	-	-	HBLIMFI
Office White	KPIMBZOW	HWAPLOW	-
White	-	HWAPLW	HBLIMFWA

Third-Party Raceway Modules

Unloaded, 2-port, 10-pack

Color	Catalog Number
Black	HWM2KBK10
Gray	HWM2KGY10
Ivory*	HWM2KI10
White	HWM2KW10

Note: *Equivalent to Hubbell Office White.

Two and Three Gangable AV Wallboxes

Box	Dimensions	Top Knockouts	Bottom Knockouts	Back Knockouts	Catalog Number
2-Gang, 2" KO, 54in ³ capacity	H: 4.21" W: 4.06" D: 4.0"	(2) ½" (2) ½" – ¾" TKO*	(1) 1", 1¼", 1½" & 2"	(2) ½" – ¾" TKO	HBL985
3-Gang, 2" KO, 79in ³ capacity	H: 4.21" W: 5.87" D: 4.0"	(3) ½" (3) ½" – ¾" TKO*	(1) ½" (1) ½" – ¾" TKO* (1) 1", 1¼", 1½" & 2"	(3) ½" – ¾" TKO	HBL986

Note: *TKO (Tangential Knockout).



Low Voltage AV Wallbox Partitions

Compatible With	Description	Quantity	Catalog Number
HBL985 and HBL986	Solid divider	1	HBL989
	With pass-thru capability	1	HBL989AVD





Modules and Frames



HD15/9-Pin or HDMI Modules

	1 Unit	1.5 Unit		2 Unit
Color	HD15/9-Pin or HDMI	Angled, HD15/9-Pin or HDMI	HD15/9-Pin or HDMI with 3.5mm Stereo Jack*	HD15/9-Pin or HDMI with 3.5mm SJ+AV Conn
Black	IMBDS1BK	IMBDSA15BK	IMB15315BK	IMB153X2BK
Gray	IMBDS1GY	IMBDSA15GY	IMB15315GY	IMB153X2GY
Ivory	IMBDS1EI	IMBDSA15EI	IMB15315EI	IMB153X2EI
Office White	IMBDS1OW	IMBDSA15OW	IMB15315OW	IMB153X2OW
White	IMBDS1W	IMBDSA15W	IMB15315W	IMB153X2W

Note: *Screw termination or solder.

DVI Modules

	DVI Blank, Unloaded, 1.5 Unit	
Color	1-Pack	10-Pack
Black	IMBDVI15BK	IMBDVI1015BK
Gray	IMBDVI15GY	IMBDVI1015GY
Ivory	IMBDVI15EI	IMBDVI1015EI
Light Almond	IMBDVI15LA	IMBDVI1015LA
Office White	IMBDVI15OW	IMBDVI1015OW
White	IMBDVI15W	IMBDVI1015W

Modules



	1 Unit		1.5 Unit		Recessed, Angled, 1-Port	Recessed, Angled, 2-Port
Color	Flat, 1-Port	Flat, 2-Port	Angled, 1-Port	Angled, 2-Port		
Black	IM1K1BK	IM2K1BK	IM1KA15BK	IM2KA15BK	IM11A15BK	IM2IA15BK
Gray	IM1K1GY	IM2K1GY	IM1KA15GY	IM2KA15GY	IM11A15GY	IM2IA15GY
Ivory	IM1K1EI	IM2K1EI	IM1KA15EI	IM2KA15EI	IM11A15EI	IM2IA15EI
Office White	IM1K1OW	IM2K1OW	IM1KA15OW	IM2KA15OW	IM11A15OW	IM2IA15OW
White	IM1K1W	IM2K1W	IM1KA15W	IM2KA15W	IM11A15W	IM2IA15W

Blank Modules

Color	0.5 Unit	1 Unit	1.5 Unit
Black	IMB05BK	IMB1BK	IMB15BK
Gray	IMB05GY	IMB1GY	IMB15GY
Ivory	IMB05EI	IMB1EI	IMB15EI
Office White	IMB05OW	IMB1OW	IMB15OW
White	IMB05W	IMB1W	IMB15W

SC Angled Modules

	1.5 Unit, 1 Duplex	2 Unit, 2 Duplex
	IM1SCA15BK	IM2SCA2BK
	IM1SCA15GY	IM2SCA2GY
	IM1SCA15EI	IM2SCA2EI
	IM1SCA15OW	IM2SCA2OW
	IM1SCA15W	IM2SCA2W

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 AV connectors for Hubbell 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
Black	IMAVB15BK	XLRST10	XLR10	SC10	USB10	14S10
Gray	IMAVB15GY					
Ivory	IMAVB15EI					
Office White	IMAVB15OW					
White	IMAVB15W					

Note: *Not UL Listed.

speakON® is a registered trademark of Neutrik® AG.

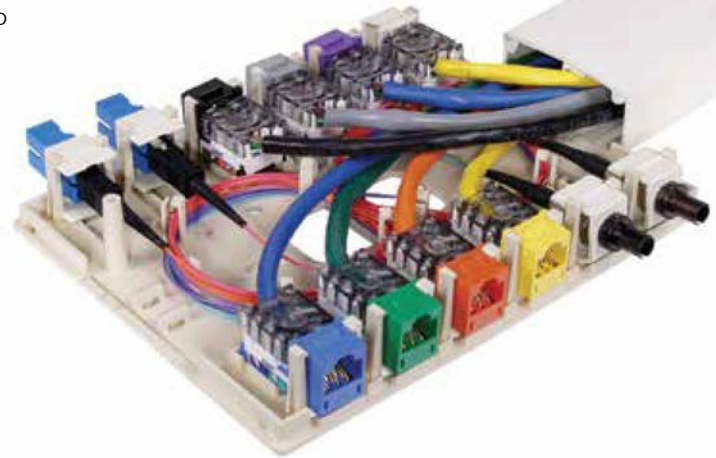
Hubbell iSTATION Surface Mount Boxes

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 standard furniture openings and solutions requiring fiber. Box bases feature fiber storage posts that can store one meter fiber cable after termination.

Can be mounted with supplied surface mounting screws or double-sided adhesive tape and mounted to NEMA electric boxes or relay racks.

Features

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



ISB120W



ISB Surface Mount Boxes

Color	1-Port	2-Port	4-Port	6-Port	12-Port
Black	ISB1BK	ISB2BK	ISB4BK	ISB6BK	ISB12BK
Electric Ivory	ISB1EI	ISB2EI	ISB4EI	ISB6EI	ISB12EI
Gray	ISB1GY	ISB2GY	ISB4GY	ISB6GY	ISB12GY
Office White	ISB1OW	ISB2OW	ISB4OW	ISB6OW	ISB12OW
White	ISB1W	ISB2W	ISB4W	ISB6W	ISB12W

UL Plenum Rated ISB Surface Mount Boxes

Color	1-Port	2-Port
Black	ISB1BKP	ISB2BKP
Ivory	ISB1EIP	ISB2EIP
Gray	ISB1GYP	ISB2GYP
Office White	ISB1OWP	ISB2OWP
White	ISB1WP	ISB2WP

Note: ISB surface mount boxes are not compatible with SJ shielded jacks.



Non-Metallic Raceway Compatibility Chart

Series	PP	PL	PW	PB
ISB1	✓			✓*
ISB2	✓			✓*
ISB4	✓	✓	✓	✓*
ISB6	✓	✓	✓	✓*
ISB12	✓	✓	✓	✓*

Note: *Use PB3REDA transition fitting.
See section T for Raceway product information.

- PP1 = PREMISETRAK Latching Raceway
- PL1 = LANTRAK® Latching Raceway
- PW2 = WALLTRAK® Latching Raceway
- PB2 = BASETRAK® Non-Latching Raceway
- PB3 = BASETRAK Non-Latching Raceway
- PS3 = SUPER BASETRAK® Non-Latching Raceway



Universal Patch Panels and Wall Mount Brackets



Consolidation Point Block, Category 6 and Category 5e

Description	Catalog Number
Category 6, 12-Port, Universal, 89D.	HP612
Category 5e, 12-Port, Universal, 89D.	HP5E12



Universal Patch Panel, Category 5e

Description	Catalog Number
24-Port, 1.75" H.	HP5E24
48-Port, 3.50" H.	HP5E48
96-Port, 7.0" H.	HP5E96



Universal Patch Panel, Category 6

Description	Catalog Number
24-Port, 1.75" H.	HP624
48-Port, 3.50" H.	HP648
96-Port, 7.0" H.	HP696



Jack Panel, Unloaded

Description	Catalog Number
Wall Mount, 12-Port, Black.	HPJ1289
Rack Mount, 24-Port, 1.75" H, Black.	NSPJ24
Rack Mount, 48-Port, 3.5" H, Black.	NSPJ48



Rear Cable Management Bar*

Description	Catalog Number
Screws to the rear flange of a 19-inch rack.	CMBR
HPW panel mount.	HPRCMB

Note: *Not UL Listed.



Wall Mount Brackets, Bottom-Hinged

Includes assembled bottom-hinged wall bracket.

Rack Units	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog Number
1	19" (483)	4" (102)	1.75" (45)	HPWWB1U4
2	19" (483)	4" (102)	3.50" (89)	HPWWB2U4
		8" (203)	3.50" (89)	HPWWB2U8
4	19" (483)	4" (102)	7.00" (178)	HPWWB4U4
		8" (203)	7.00" (178)	HPWWB4U8
		4" (102)	10.50" (267)	HPWWB6U4
6	19" (483)	8" (203)	10.50" (267)	HPWWB6U8
		8" (203)	10.50" (267)	HPWWB6U8
		18" (457)	10.50" (267)	HPWWB6U18



Wall Mount Brackets, Side-Hinged

Includes assembled side-hinged wall bracket.

Rack Units	Width Inches (mm)	Depth Inches (mm)	Height Inches (mm)	Catalog Number
2	19" (483)	4" (102)	3.50" (89)	BRMCCMB19X35X4
4	19" (483)	4" (102)	7.00" (178)	BRMCCMB19X7X4
2	19" (483)	8" (203)	3.50" (89)	BRMCCMB19X35X8
4	19" (483)	8" (203)	7.00" (178)	BRMCCMB19X7X8





Features and Benefits

NSC Patch Cords

- Conductor: #24 AWG UTP
- Jacket: Flame-Retardant PVC-CM Rated
- Plug Body: Polycarbonate UL 94V-0
- Plug Boot: PVC
- Contact Plating: 50 micro-inch Gold



Housing Design

- Category 6 performance
- Slim snagless boot for high density ports
- PoE ready



Performance, Mechanical

- Cable to plug tensile strength: 20+ lbs.
- Mating cycles: 2000+

NSC Patch Cords, Category 6

Length (ft)	Color			
	Black	Blue	Gray	White
1'	NSC6BK01	NSC6B01	NSC6GY01	NSC6W01
3'	NSC6BK03	NSC6B03	NSC6GY03	NSC6W03
5'	NSC6BK05	NSC6B05	NSC6GY05	NSC6W05
7'	NSC6BK07	NSC6B07	NSC6GY07	NSC6W07
10'	NSC6BK10	NSC6B10	NSC6GY10	NSC6W10
15'	NSC6BK15	NSC6B15	NSC6GY15	NSC6W15



NSC6B01

NSC Patch Cords, Category 5e

Length (ft)	Color			
	Black	Blue	Gray	White
1'	NSC5EBK01	NSC5EB01	NSC5EGY01	NSC5EW01
3'	NSC5EBK03	NSC5EB03	NSC5EGY03	NSC5EW03
5'	NSC5EBK05	NSC5EB05	NSC5EGY05	NSC5EW05
7'	NSC5EBK07	NSC5EB07	NSC5EGY07	NSC5EW07
10'	NSC5EBK10	NSC5EB10	NSC5EGY10	NSC5EW10
15'	NSC5EBK15	NSC5EB15	NSC5EGY15	NSC5EW15



NSC5EW01



Features and Benefits

AV In-Wall Enclosure

Hubbell's netSELECT® Flat Panel Television (FPTV) connection enclosure delivers high-density connectivity and power in the wall. This allows flat panel displays and interactive "smart" boards to sit flush against walls with no dangling cords. It quickly installs to studs or sheetrock without additional components or hardware.

- 18 Gauge white powder coated rugged steel base
- 2 and 4-gang enclosure with two 1½ and 1¼ inch KOs
- Optional screw on cover reduces tampering
- cULus 1863 Listed



NSAV124M



Box Design

- Flush against walls installation
- Sheet metal base white powder coat finish
- Accepts standard electrical boxes
- Integrated cable management



Mounting

- Multiple device mounting options
- 1½" And 1¼" conduit knockouts
- Easily mounts to studs or sheetrock
- Easily replaceable receptacle
- Trim ring covers rough-in



NSAV6C



NS801W



NSOKPS



NP26W



SFHC14W



NSJ6W

FPTV Connection Enclosure

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Color	Catalog Number
2-gang in-wall enclosure.	8.16" (207)	7.92" (201)	3.37" (86)	White	NSAV62M
4-gang in-wall enclosure.	14.80" (376)	7.92" (201)	3.37" (86)	White	NSAV124M
Steel cover for NSAV6 series.	7.2" (183)	7.2" (183)	0.05" (1)	White	NSAV6C
Steel cover for NSAV12 series.	13.80" (351)	7.2" (183)	0.05" (1)	White	NSAV12C
Block wall adapter.					NSAV6BW
New work stud brackets.					NSAV6NW

Accessories

Power Kits

Description	Color	Catalog Number
Standard power kit.	White	NSOKPTR
Surge protected power kit.	Blue	NSOKPS

Unloaded Wallplates and Frames

1-gang blank wallplate.	White	NP14W
1-gang decorator wallplate.	White	NP26W
1-gang Hubbell iSTATION wallplate.	White	IMF1W
1-gang 4-port wallplate.	White	NSP14W

AV Connectors and Wallplates

1-port HDMI frame.	White	NS801W
2-port HDMI frame.	White	NS802W
HDMI snap fit.	White	SFHC14W
F-connector snap fit.	White	NSF70W
USB A-to-B snap fit.	White	SFUSBABW
Cat 6 snap fit jack.	White	NSJ6W

Note: See pages Y-4 to Y-8 for snap fit multimedia jacks and AV connectors.



HDMI Products

AV Ceiling Enclosure

The AV Ceiling Enclosure is designed to work with active AV devices to integrate AV distribution, data connections and power in one location, providing a direct connection to a projector or a display device. An additional AV/data kit can be added or customized to address all connector, mounting and patching needs, reducing multiple pieces on site.

- Manage multiple applications inside one enclosure
- Flush mounted, white enclosure for consistent look when mounted in the ceiling
- Loaded with two Hubbell 20A duplex receptacles and a 2-gang back box
- All steel rugged construction provides the ultimate strength for installation



AVCE1H

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	Color	Catalog Number
AV Ceiling Enclosure	12" (305)	24" (610)	8" (203)	White	AVCE1H

Note: Enclosure includes two 20 amp duplex receptacles and 2-gang back box.

HDMI Decorator Frames

netSELECT® HDMI Decorator Frames deliver uncompromising digital audio and video wherever you need it. Unleash the full potential of your high definition display and audio installations.

- Third party tested for 1080p resolutions
- UL Listed - Communications Circuit Accessory and CSA Certified



NS801W



Frame Design

- High impact thermoplastic frame
- Connector flush to frame face



Connector

- Thumbscrew prevents accidental disconnection only when used with Hubbell's HDMI patch cords
- Connector sized to fit 1 inch conduit
- 4 inch flexible extension reduces bend radius issues in confined spaces

HDMI Products

Description	Color	1-Gang, 1-Port	1-Gang, 2-Port
HDMI, Decorator Frame, Female to Female	Black	NS801BK	NS802BK
	Gray	NS801GY	NS802GY
	Ivory	NS801I	NS802I
	Light Almond	NS801LA	NS802LA
	Office White	NS801OW	NS802OW
	White	NS801W	NS802W



NS801W

NS802W

HDMI Patch Cords, #24 AWG

Length	HDMI Device Patch Cords	Length	Horizontal Cords (Connector to Connector)	Length	Link Cords (Connector to Device)	Length	Coupler Cords (Coupler to Device)
3 ft.	HDPC03BK	10 ft.	HDH10BK	10 ft.	HDL10BK	10 ft.	HDC10BK
6 ft.	HDPC06BK	15 ft.	HDH15BK	15 ft.	HDL15BK	15 ft.	HDC15BK
		20 ft.	HDH20BK	20 ft.	HDL20BK	20 ft.	HDC20BK
		25 ft.	HDH25BK	25 ft.	HDL25BK	25 ft.	HDC25BK
		30 ft.	HDH30BK	30 ft.	HDL30BK	30 ft.	HDC30BK

Note: Black and Non-Plenum only.



Advantages and Wiring Layout

Connect Your Home to Internet, Voice and Video Services

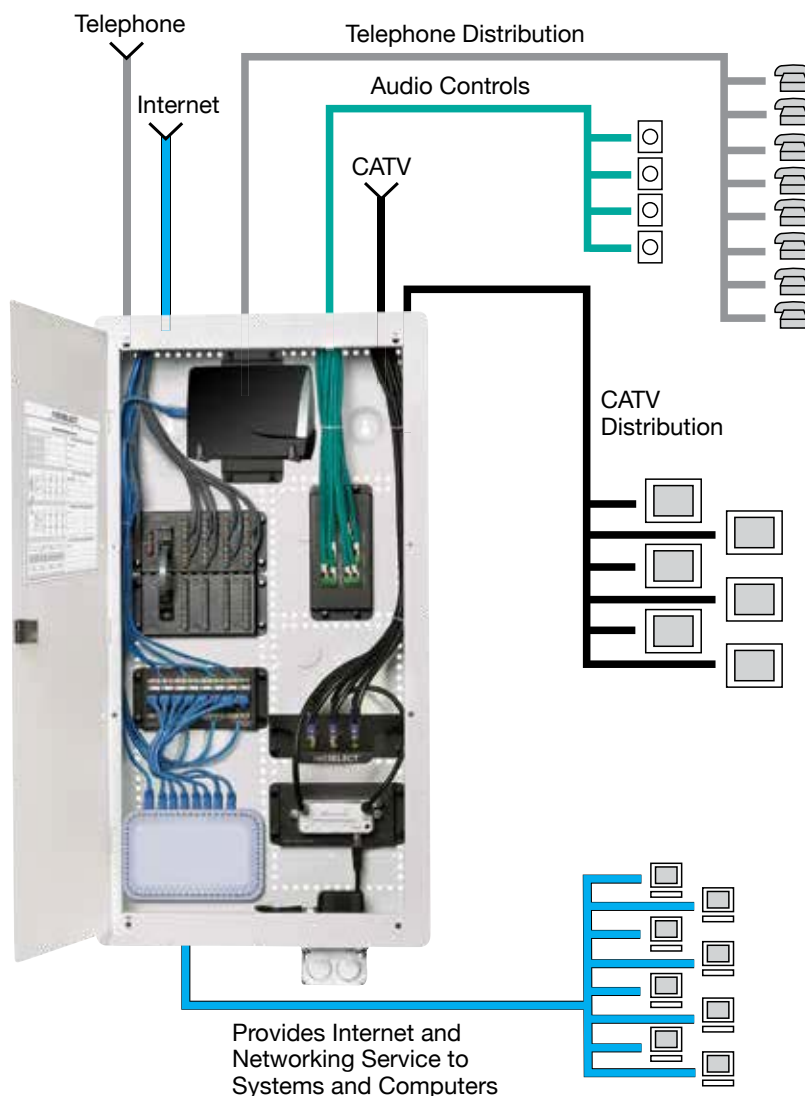
netSELECT® is an innovative network solution that's perfect for any home or small office. Specifically positioned as the voice/data segment for the Residential brand, the netSELECT® System satisfies the need for a dependable, flexible system that can accommodate all of today's fast-changing voice, data and video requirements.

This cost-effective solution incorporates all the quality you'd expect from Hubbell. Built-in flexibility makes it easy to upgrade and keep pace with evolving technologies.

- Share single analog, cable or DSL internet connection
- Local file access
- Shared peripherals
- Multiple telephone distribution
- Call handling (PBX)
- Video distribution
- Play games that allow multi-users
- Control home automation systems



Today's Communications Entail A Lot More Than Just Talking. netSELECT® Keeps You Connected—Internet, Voice, Data and Entertainment



Network Enclosures

Features

- Flush or surface mount enclosure (hardware provided)
- Hinged cover can be mounted to swing from either side
- Integral trim ring hides rough-in hole in sheet rock providing a finished appearance (except NSOBOX48)
- Horizontal and vertical module mounting holes for maximum flexibility
- Unique 89D bracket mounting holes allow easy mounting of 66 blocks and peripherals
- Provisions to mount optional duplex power and lock kit available
- Integral cable management slots and tie-wraps provided to help dress cable runs
- Additional nylon push pins provided to assist module mounting
- Material: 20-18 gauge steel
- Finish: white, powder coat
- cULus Listed 1863

Network Enclosures

Pre-Configured Network System

Description	Catalog Number
Pre-Configured Network System	NSOBNK14
Basic home network kit includes:	
One box with hinged cover NSOBOX14,	
One primary 8-port telephone module NSOPTM8,	
One four way coaxial splitter module NSOVM4	



NSOBOX10

10 Inch Network Enclosure for MDU and Modular Applications

Description	Height Inches (mm)	Width Inches (mm)	Depth Inches (mm)	No. of Module Placement	Catalog Number
With hinged cover	11.55" (293)	15.65" (398)	4.08" (104)	3	NSOBOX10
With panel cover	11.07" (281)	–	4.08" (104)	3	NSOBOX10BC
10"H box only	10.07" (256)	14.38" (365)	3.96" (101)	3	NSOBOX10B
Hinged door	11.55" (293)	15.65" (398)	0.58" (15)	–	NSOBOX10D
Panel cover	11.07" (281)	15.50" (594)	0.20" (5)	–	NSOBOX10C



NSOBOX14

14 Inch Network Enclosure

With hinged cover	15.55" (395)	15.65" (398)	4.08" (104)	5	NSOBOX14
With panel cover	15.10" (384)	15.54" (395)	4.08" (104)	5	NSOBOX14BC
14"H box only	14.00" (356)	14.38" (365)	3.96" (101)	5	NSOBOX14B
Hinged door	15.55" (395)	15.65" (398)	0.33" (8)	–	NSOBOX14D
Vented door (louver)	15.55" (395)	15.65" (398)	0.52" (15)	–	NSOBOX14DL
Panel cover	15.11" (384)	15.54" (395)	0.20" (5)	–	NSOBOX14C
2"D extension bracket with ventilation and WiFi KOs	15.30" (389)	15.57" (395)	2.00" (51)	–	NSOBOX14X2

28 Inch Network Enclosure

With hinged cover	29.55" (751)	–	–	11	NSOBOX28
With panel cover	29.13" (740)	15.54" (395)	4.08" (104)	11	NSOBOX28BC
28"H box only	28.00" (711)	14.38" (365)	3.96" (101)	11	NSOBOX28B
Hinged door	29.55" (751)	15.65" (398)	0.33" (8)	–	NSOBOX28D
Vented door* (louver)	29.55" (751)	15.65" (398)	0.52" (15)	–	NSOBOX28DL
Panel cover	29.29" (744)	15.54" (395)	0.20" (5)	–	NSOBOX28C
2"D extension bracket with ventilation and WiFi KOs	29.3" (744)	15.57" (395)	2.00" (51)	–	NSOBOX28X2



NSOBOX28

48 Inch Network Enclosure

With hinged cover	48.94" (1243)	14.94" (379)	4.07" (103)	21	NSOBOX48*
Trim ring					NSOBOX48R

Note: *Door covers rough-in, no trim ring provided.



Network Modules

Features

netSELECT® Modular Components enable the designer to select performance requirements specifically for the application. Modules snap horizontally or vertically into the enclosures for maximum flexibility and optimum space usage.

- Dimensions: 6.47 in. W x 2.95 in. H, except NSOMTM24 6.47 in. W x 6.00 in. H
- Meets FCC Part 68 standard
- Material: High impact plastic
- cULus Listed 1863
- All data and phone modules 568A wired

Combination Modules

Description	Units	Catalog Number
6-port telephone panel and 6-port coaxial splitter with optional 6-port Category 5e panel provides voice, video, and data distribution in a space efficient package; perfect for use with NSOBOX10 and NS790xx plates to quickly establish a comprehensive home network.		
6-port telephone and video	3	NSOTVM6
6-port telephone, video and Category 5e	3	NSOTVDM6
6-port Category 5e data upgrade kit	3	NSODK6



NSOTVM6



NSOPTM8



NSOETM8



NSODM8



NSODM8C6



NSOMTM12

Primary Telephone Module

Description	Units	Catalog Number
8-port phone outlets with up to (4) incoming lines for voice, fax or modem applications in a protected PCB module; pre-mounted push pins snap the module quickly into place; RJ31X interface jack included for security system connection; RJ45 jack interfaces with optional NSOETM8 telephone expansion module for additional extensions.	1	NSOPTM8

Expansion Telephone Module

Description	Units	Catalog Number
8-port adds an additional (8) phone outlets with up to (4) incoming lines when used with the primary telephone module; pre-mounted push pins snap the module quickly into place; includes RJ45 jumper cord to connect with NSOPTM8 primary telephone module.	1	NSOETM8

Data Modules

Description	Units	Catalog Number
Category 5e data module, 8-port supports Gigabit Ethernet for up to (8) Category 5e data lines with front 110 punch-down terminations in a protected PCB module; pre-mounted push pins snap the module quickly into place.	1	NSODM8
Category 6 data module, 8-port supports enhanced transmission speeds beyond Gigabit Ethernet; future-proof for tomorrow's applications.	1	NSODM8C6

Patchable Telecom Module

Description	Units	Catalog Number
Terminates lines via modular plug to accommodate flexibility, by changing plug locations; reconfigure where phone lines go at the panel level; allows data lines to be converted to voice, with the move of a patch cord; includes nine RJ45 jumper cords.	2	NSOMTM24

Multi-Provider Patchable Telcom Module

Description	Units	Catalog Number
12-port telephone module distributes 4 incoming lines out to 12 locations through RJ-45 jacks; allows data lines to be converted to voice with the move of a patch cord; RJ31X interface jack is included for security system connection.	1	NSOMTM12

Audio/Video Modules

Features

netSELECT® Video Modules support bidirectional signal by splitting to 4, 6, or 8 separate work areas. Pre-mounted push pins snap the module quickly into place.

- Dimensions for VAMP, AM8 and BM: 6.47 in. W x 2.95 in. H
- Dimensions for video splitters: 6.47 in. W x 2.09 in. H x 3.20 in. D
- Material: High impact plastic
- cULus Listed 1863

4-Way Coaxial Splitter Modules

One incoming line, four outgoing.

Description	Units	Catalog Number
1GHz, basic unit	1	NSOVM4
2.3GHz, enhanced capability	1	NSOVM42G



NSOVM4

6-Way Coaxial Splitter Modules

One incoming line, six outgoing.

Description	Units	Catalog Number
1GHz, basic unit	1	NSOVM6
2.3GHz, enhanced capability	1	NSOVM62G



NSOVM6

8-Way Coaxial Splitter Modules

One incoming line, eight outgoing.

Description	Units	Catalog Number
1GHz, basic unit	1	NSOVM8
2.3GHz, enhanced capability	1	NSOVM82G



NSOVM8

Fixed Video Amplifier Module

120 Volt rated

Description	Units	Catalog Number
Provides 10dB video signal amplification for incoming cable feeds recommended for use when more than four outputs are installed or when signal level is low; provides 10dB forward path gain and supports current digital cable systems and modems with a passive return; pre-mounted push pins snap the module quickly into place; includes RG-59 cable jumper to connect amplifier to passive video splitter.	1	NSOVAMP



NSOVAMP

Eight Room Audio Module

Description	Units	Catalog Number
Distributes audio from an amplifier to matching volume controllers; supports up to eight rooms of audio; power handling – 200W RMS@20° C; requires impedance matching volume controls (see page Y-24).	1	NSOAM8



NSOAM8

Blank Module Plate

Description	Units	Catalog Number
Allows mounting of active components (i.e. switches, routers) or other devices (66 blocks, audio components) onto a modular platform; can be custom drilled or used with two self-adhesive VELCRO® strips included to mount components onto module; pre-mounted push pins snap the module quickly into place.	1	NSOBM



NSOBM

VELCRO® is a registered trademark of Velcro Industries B.V.



Accessories

Features

netSELECT® Accessories enhance system capabilities. Volume controls expand home audio applications. Cabinet mounted receptacle kits provide convenience power to the enclosure.

- Audio controls available in slide or rotary
- Receptacles available in surge and standard kits



NSOSAVC



NSORAVC



NSOKPS



FLOCK1



NSOFSB



FSPFP6X



FSPHD6X

Accessories

Description	Color	Catalog Number
Slide Audio Volume Controller, Decorator Styling, Power handling - 70W RMS@20° C. Impedance matching for up to 8 pairs of speakers. Includes both ivory and white slides and frames.	Ivory/White	NSOSAVC
Rotary Audio Volume Controller Power handling - 70W RMS@20° C. Impedance matching for up to 8 pairs of speakers. Includes both ivory and white knobs and frames.	Ivory/White	NSORAVC
Standard Power Kit, Includes tamper-resistant duplex receptacle 15A 125V NEMA 5-15R, electrical steel box and wallplate.		NSOKPTR
Surge Suppression Power Kit, Includes surge receptacle 15A 125V NEMA 5-15R, 240 Joules/15,000A protection per mode, electrical steel box and wallplate.		NSOKPS
Chromed Steel Lock Kit, Includes two keys. Eliminates unwanted tampering.		FLOCK1
Panel Bracket Adapter, For use with Adapter Panels shown below, and FSP series modules. Snap mounts into structured cabling enclosures.		NSOFSB
F-Connector Adapter Panel, with Six Populated Coaxial Connectors.		FSPFP6X
Jacks Adapter Panel, with Six Blank Openings for jacks and snap fits.		FSPHD6X

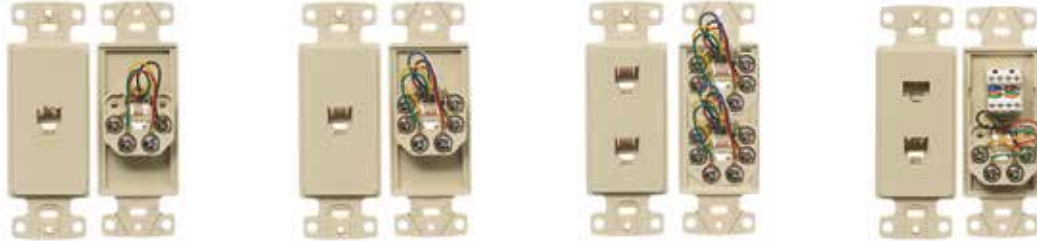
Molded-In Voice/Data/Video

Features

Designed to complement decorator styling, these jacks offer voice and Cat. 5e devices to fit within a decorator wallplate.

- High impact-resistant thermoplastic frame
- Meets FCC part 68
- cULus Listed 1863 - Communication Circuit Accessory and CSA Certified

Molded-In Voice/Low-Speed Data



Description	Decorator Frame, One RJ11 Jack, 6-Position, 4-Conductor	Decorator Frame, One RJ11 Jack, 6-Position, 6-Conductor	Decorator Frame, Duplex RJ11 Jacks, 6-Position, 6-Conductor	Decorator Frame, One Cat. 5e 110 Punch-Down, One RJ11 Jack, 6-Position, 4-Conductor
Color	Screw Terminations	Screw Terminations	Screw Terminations	110 Punch-Down/Screw Terminations
Black	NS770BK	—	—	NS784BK
Brown	NS770	NS771	—	NS784
Gray	NS770GY	—	—	NS784GY
Ivory	NS770I	NS771I	NS772I	NS784I
Light Almond	NS770LA	NS771LA	NS772LA	NS784LA
White	NS770W	NS771W	NS772W	NS784W

Features

Coaxial video and combination jacks complement multimedia needs in a 1-gang decorator opening.

- High impact-resistant thermoplastic frame
- Jacks meet FCC part 68
- UL Listed 1863 - Communication Circuit Accessory and CSA Certified

Molded-In Voice/Low-Speed Data



Description	Decorator Frame, Single F-Type Coupler Bulkhead, Female to Female	Decorator Frame, One RJ11 Jack, 6-Position, 4-Conductor, One F-Type Coupler Bulkhead, Female to Female	Decorator Frame, One Cat. 5e 110 Punch-Down, One F-Type Coupler Bulkhead, Female to Female
Color	Screw Terminations	Screw Terminations	110 Punch-Down Terminations
Black	—	—	NS785BK
Brown	—	—	NS785
Gray	—	—	NS785GY
Light Almond	NS780LA	NS783LA	NS785LA
White	NS780W	NS783W	NS785W

Molded-In Plates

Features

Designed for voice, these devices provide an economical alternative to wall phone outlet placement.

- High impact-resistant thermoplastic wallplate
- Convenient screw down terminals
- Meets FCC part 68
- cULus Listed 1863 - Communication Circuit Accessory and CSA Certified

Molded-In Plates for Voice



1-Gang Plate,
One RJ11 Jack,
6-Position, 4-Conductor,
Screw Terminations



1-Gang Plate,
One RJ11 Jack,
6-Position, 6-Conductor,
Screw Terminations



1-Gang Plate,
Duplex RJ11 Jacks,
6-Position, 4-Conductor,
Screw Terminations

Description	Standard	Mid-Size	Standard	Standard	Mid-Size
Brown	NS730	NS735	NS732	—	—
Ivory	NS730I	NS735I	NS732I	—	NS745I
Light Almond	NS730LA	NS735LA	NS732LA	—	—
White	NS730W	NS735W	NS732W	—	NS745W

Molded-In Plates for Voice and CATV/Satellite



1-Gang Plate,
One F-Type Coupler Bulkhead,
Female to Female,
One RJ11 Jack,
6-Position, 6-Conductor



1-Gang Plate,
One F-Type Coupler Bulkhead,
Female to Female,
One RJ11 Jack,
6-Position, 4-Conductor



1-Gang Plate,
One F-Type Coupler Bulkhead,
Female to Female



1-Gang Plate,
Duplex F-Type Coupler Bulkhead,
Female to Female

Description	Standard	Mid-Size	Standard	Standard	Mid-Size	Standard
Ivory	NS748I	NS755I	NS747I	NS750I	NS751I	NS752I
Light Almond	NS748LA	NS755LA	NS747LA	NS750LA	NS751LA	NS752LA
White	NS748W	NS755W	NS747W	NS750W	NS751W	NS752W



1-Gang Plate,
One Cat. 5e 110 Punch-Down
One RJ11 Jack,
6-Position, 4-Conductor
One F-Type Coupler Bulkhead,
Female to Female

Description	Standard
Black	NS790BK
Brown	NS790
Gray	NS790GY
Ivory	NS790I
Light Almond	NS790LA
White	NS790W

Telephone Wall Jacks

Features

Designed for voice applications, these jacks provide an economical alternative to basic wall mount and performance needs.

- Available in high impact-resistant thermoplastic or stainless steel
- Meets FCC part 68
- cULus Listed 1863 - Communication Circuit Accessory and CSA Certified

Telephone Wall Jacks



Wall Phone Jack,
6-Position, 4-Conductor,
Screw Terminations

Description

Ivory
White

NS722I
NS722W



Wall Phone Jack,
6-Position, 4-Conductor,
Screw Terminations

Description

Stainless Steel

NS726SS

Features

Telephone surface mount jacks are available in 4 or 6-conductor configurations for voice. Alternatively, multimedia surface mount boxes can be custom loaded for computer and media use.

- High impact-resistant thermoplastic
- Mounts using screws or double sided tape (both included)
- Meets FCC part 68
- UL Listed 1863 - Communication Circuit Accessory and CSA Certified

Telephone Surface Mount Jacks



Telephone Surface
Mount Jack,
6-Position, 4-Conductor,
Screw Terminations

Description

Black
Gray
Ivory
Office White
White

—
—
NS760I
—
NS760W



Multimedia 1-Port
Surface Mount Box,
Jack Not Included

ISB1BK*
ISB1GY*
ISB1EI*
ISB1OW*
ISB1W*



Multimedia 2-Port
Surface Mount Box,
Jacks Not Included

ISB2BK*
ISB2GY*
ISB2EI*
ISB2OW*
ISB2W*

Note: *cULus Listed 1863 - Communication Circuit Accessory.
See pages Y-4 to Y-8 for snap fit multimedia jacks and AV connectors.



Standard UTP Wiring Conventions

Horizontal UTP Cable and Patch Cords

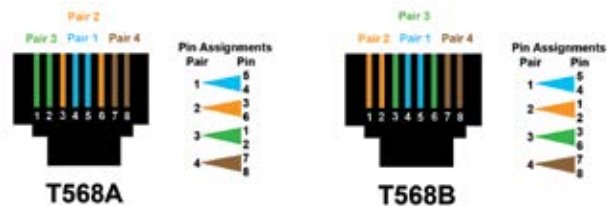
- Solid copper 4-pair #24 or better AWG UTP is specified for distribution cabling. Stranded UTP is specified for patch cords for flexibility. Shielded cable is not commonly used in the U.S. splices and bridge taps are not permitted.
- Cable, connectors and patch cords shall be marked with the performance 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-C.1 and 568-C.2. Hubbell assures this compliance with all products and cable partners.

COLOR CODING:



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.



RJ45 - TIA-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

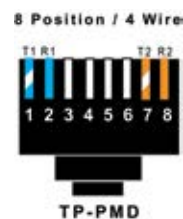
Local Area Network standards designed to operate over UTP specify pin/pair assignments on modular connectors for various signal transmission protocols. While TIA/EIA-568A and 568B conventions support all of these designations, there are some cases where the user chooses to cable only the number of pairs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



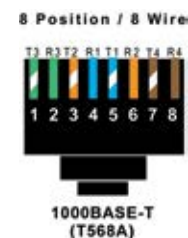
- 10 Mbps Ethernet over UTP
- 100 Mbps Ethernet



- 4/16 Mbps Token Ring over copper



- 100 Mbps FDDI over copper (pending)



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