Structured Wiring

W

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

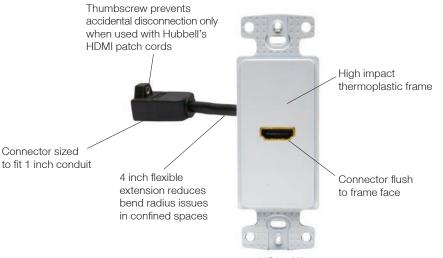
AV Ceiling Enclosure

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.

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

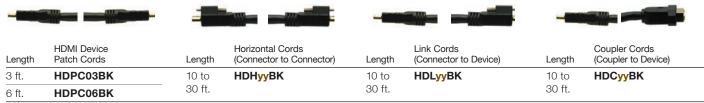
HDMI Products

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



NS802W

HDMI Patch Cords, 24 AWG



Note: yy = Length in feet. 10 (10'), 15 (15'), 20 (20'), 25 (25'), 30 (30'). Black and non-plenum only. Black and Non-Plenum only.

Advantages and Wiring Layout

Structured Wiring

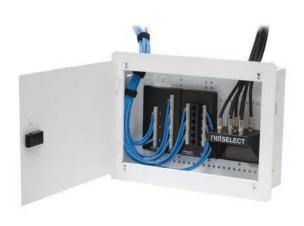


Connect Your Home to Internet, Voice and Video Services

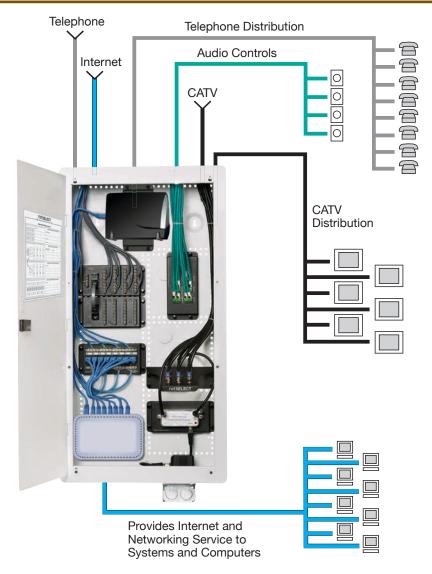
netSELECT® is an innovative network solution that's perfect for any home or small office. Specifically positioned as the voice/data segment for the Residential brand, the netSELECT® System satisfies the need for a dependable, flexible system that can accommodate all of today's fast-changing voice, data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



Structured Wiring

- 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
- 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
- UL and cULus Listed 1863

Network Enclosures

Pre-Configured Network System

Pre-Configured Network System		NSOBNK14		
Description	Placement	Catalog Number		
	No. of Module			

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



NSOBX10

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	NSOBX10
With Panel Cover	11.07" (281)	_	4.08" (104)	3	NSOBX10BC
10"H Box only	10.07" (256)	14.38" (365)	3.96" (101)	3	NSOBX10B
Hinged Door	11.55" (293	15.65" (398)	0.58" (15)	_	NSOBX10D
Panel Cover	11.07" (281)	15.50" (594)	0.20" (5)	_	NSOBX10C

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



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

48 Inch Network Enclosure

With Hinged Cover	48.94" (1243)	14.94" (379)	4.07" (103)	21	NSOBOX48*
	10:01 (12:10)	11.01 (010)	1.01 (100)		HOODOXIO

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



NSOBOX14



NSOBOX28



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
- UL and cULus Listed 1863
- All data and phone modules 568A wired

NSOTVDM6



NSOPTM8



NSOETM8



NSODM8



NSOMTM24



NSO6P1DM

Network Modules

Description Units Catalog Number Combo Module Complete Home Network Combo Module 6-Port Telephone Panel and 6-Port Coaxial Splitter with Optional 6-Port Cat. 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 NSOTVM6 6-Port Telephone, Video and Category 5e NSOTVDM6 6-Port Category 5e Data Upgrade Kit **NSODK6** 3

Primary Telephone Module, 8-Port Supports 8 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.

Expansion Telephone Module, 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.

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.

Category 6 Data Module, 8-Port

Supports enhanced transmission speeds beyond gigabit ethernet. Future proof for tomorrows applications.

Multiport Patchable Telecom Module

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.

Combination Module

6-Port Telephone and 1-Port Data

Provides basic telephone and data delivery in a small package. Allows data lines to be converted to voice, with the move of a patch cord.

NSOPTM8

NSOETM8

NSODM8

NSODM8C6

NSOMTM24

NSO6P1DM

netSELECT® Products Audio/Video Modules

Structured Wiring

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
- UL and cULus Listed 1863

Audio/Video Modules

Description	Units	Catalog Number
4-Way Coaxial Splitter Modules, One Incoming Line, Four Outgoing		
1 Ghz, Basic Unit	1	NSOVM4
2.3 Ghz, Enhanced Capability	1	NSOVM42G



NSOVM4

6-Way Coaxial Splitter Modules, One Incoming Line, Six Outgoing 1 Ghz, Basic Unit 2.3 Ghz, Enhanced Capability

1 NSOVM61 NSOVM62G



NSOVM6

8-Way Coaxial Splitter Modules, One Incoming Line, Eight Outgoing 1 Ghz, Basic Unit 2.3 Ghz, Enhanced Capability

1 NSOVM81 NSOVM82G



NSOVM8

Fixed Video Amplifier Module, 10dB 120 volt rated

Provides 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.



NSOAM8

NSOBM



NSOVAMP

8 Room Audio Module,

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 W-21.



NSOAM8

Blank Module Plate

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.



NSOBM

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

Universal Consolidation Blocks, Patch Panels and Patch Cords

Structured Wiring

netSELECT® Patch Panels are excellent for designing rack systems for telephone, data and AV systems. Consolidation Blocks are ideal for small user count configurations that mount in or on the wall.

- Meets ANSI/TIA Category 6 and Category 5e standards
- cULus Listed

Universal Consolidation Blocks and Patch Panels



Description	Catalog Number
Category 5e 12-Port Universal Consolidation Block, 89D Bracket Mount	NS5E12U



Category 6 12-Port Universal Consolidation Block, NS612U 89D Bracket Mount



Category 5e Universal Patch Panel 24-port, 1.75 inch H, 1 Rack Unit 48-port, 3.50 inch H, 2 Rack Units

NS5E24U NS5E48U





NS624U NS648U



NS624U



NS648U

Category 6 Universal Patch Panel 24-port, 1.75 inch H, 1 Rack Unit 48-port, 3.50 inch H, 2 Rack Units

> • Meets and exceeds ANSI/TIA - Category 6 and Category 5e standards

• UL and cUL Listed

netSELECT® Patch Cords allow for quick change of voice/data lines with insertion of modular plugs.

Universal Patch Cords, Category 6 and Category 5e

Description	Color	1-Foot	3-Foot	5-Foot	7-Foot	10-Foot	15-Foot	20-Foot	25-Foot
Cat. 5e Patch Cord	Blue Gray Yellow Red	HC5EB01 HC5EGY01 HC5EY01 HC5ER01	HC5EB03 HC5EGY03 HC5EY03 HC5ER03	HC5EB05 HC5EGY05 HC5EY05 HC5ER05	HC5EB07 HC5EGY07 HC5EY07 HC5ER07	HC5EB10 HC5EGY10 HC5EY10 HC5ER10	HC5EB15 HC5EGY15 HC5EY15 HC5ER15	HC5EB20 HC5EGY20 HC5EY20 HC5ER20	HC5EB25 HC5EGY25 HC5EY25 HC5ER25
Cat. 6 Patch Cord	Blue Gray Yellow Red	HC6B01 HC6GY01 HC6Y01 HC6R01	HC6B03 HC6GY03 HC6Y03 HC6R03	HC6B05 HC6GY05 HC6Y05 HC6R05	HC6B07 HC6GY07 HC6Y07 HC6R07	HC6B10 HC6GY10 HC6Y10 HC6R10	HC6B15 HC6GY15 HC6Y15 HC6R15	HC6B20 HC6GY20 HC6Y20 HC6R20	HC6B25 HC6GY25 HC6Y25 HC6R25