Product Selection

Table 4-21. StructuredWiringSolutions — Dimensions in Inches (mm)

Packages		Dimensions	Mounting	Shipping Weight Lbs. (kg)	Color	Zones	Telephone Distribution
	Basic Communication Package — basic video and voice distribution	14.5-inch W 18-inch H 4-inch D (368.3 W 457.2 H 101.6 D)	Mounts between 16-inch (406.4) OC studs	16.00 (7.2)	White	4 populated zones (8-CAT5e and 8-RG6 connections)	4 lines to 8 locations (RJ45 with RJ31X for a security system)
	Entertainment Upgrade Package — flexible and economical distribution panel that offers amplification and surge protection for coax distribution	14.5-inch W 18-inch H 4-inch D (368.3 W 457.2 H 101.6 D)	Mounts between 16-inch (406.4) OC studs	21.00 (9.5)	White	4 populated zones (8-CAT5e and 8-RG6 connections)	4 lines to 8 locations (RJ45 with RJ31X for a security system)
	Education and Home Office Upgrade Package — the ideal package for learning and/or working from home. Patented patch bay design to provide unparalleled ease-of-use when routing or rerouting signals for voice, video and Internet security for homes and small offices	14.5-inch W 36-inch H 4-inch D (368.3 W 914.4 H 101.6 D)	Mounts between 16-inch (406.4) OC studs	34.00 (15.4)	White	6 populated zones (12-CAT5e and 12-RG6 connections, 6-CAT5e patch cords, 6-RG6 coax patch cords, 6-Quad shield)	4 lines to 12 locations (RJ45 with RJ31X for a security system) ■ Surge suppression ■ PBX/KSU connection
	Whole-House Audio Package — economically and conveniently distribute high quality sound throughout the home	1 — 8 location audio distribution module 125 watts per channel, up to 8 pairs of 16 AWG, impedance matched for load protection. 3 — 75-watt volume controls ■ 10 position, 75-watt continuous, plastic decor.					

Table 4-21. StructuredWiringSolutions (Continued)

Coax Distribution	Ethernet Distribution/ Internet Router	Future Expansion Bays	Capacity	Electrical	Catalog Number	Price U.S. $
1 input, 8 outputs with 2 pass-through connections for DBS satellite — non-amplified	Available (see products and accessories)	4	Services up to 8 telephone locations and 8 non-amplified TV locations	110 Volt power outlet	**CHSWPAK1**	
5 inputs, 8 outputs with 4 pass-through connections for DBS satellite (1 input for TV/ CATV; 4 inputs for modulated CCTV, DVD, VCR or SATV signals) ■ 20 dB bi-directional amplifier. ■ Surge suppression.	Available (see products and accessories)	2	Services up to 8 telephone locations and 8 amplified TV locations	110 Volt power outlet	**CHSWPAK2**	
5 inputs, 8 outputs with 2 pass-through connections for DBS satellite (1 input for TV/ CATV; 4 inputs for modulated CCTV, DVD, VCR or SATV signals) ■ 20 dB bi-directional amplifier. ■ Surge suppression.	**Internet Router** 4 port, 10/100 auto switching cable/DSL firewall Internet router ■ Dynamic host configuration protocol (DHCP) for LAN configurations. ■ Network address translation (NAT) firewall protection. ■ Key word content filtering and logging. ■ User friendly, Web-based setup wizard.	3	Services up to 6 zones with 2-CAT5e, 2-RG6 and Internet connection	110 Volt power outlet	**CHSWPAK4**	
3 — 1 pair set of 100-watt ceiling mount speakers ■ 2-way indoor, coaxial, flush mounted, 6.5-inch (165.1 mm) polypropylene, 0.75-inch (19.1 mm) dome swivel, micromesh,12 dB octave crossover, 65 Hz to 20,000 kHz.					**CHAUDPAK**	

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Product Selection

Products and Accessories

Whether you choose to personally design StructuredWiringSolutions or if you would like to stock various component packages, the following products and accessories will help you find what you are looking for easily.
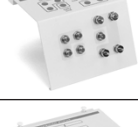
Table 4-22. Products and Accessories

Product Description	Shipping Weight Lbs. (kg)	Catalog Number	Price U.S. $
Distribution Panels			
QuickNetwork 18-inch (457.2) — Install Can with 110 volt Power and Cover (Metal)	12 (5.45)	**CHQN18**	
QuickNetwork 24-inch (609.6) — Install Can with 110 volt Power and Cover (Metal)	15 (6.81)	**CHQN24**	
QuickNetwork 36-inch (914.4) — Install Can with 110 volt Power and Cover (Metal)	20 (9.08)	**CHQN36**	
QuickNetwork 48-inch (1219.2) — Install Can with 110 volt Power and Cover (Metal)	22 (10.00)	**CHQN48**	
QuickNetwork 18-inch (457.2) — Install Can with 110 volt Power (Metal)	12 (5.45)	**CHQNIC18**	
QuickNetwork 24-inch (609.6) — Install Can with 110 volt Power (Metal)	15 (6.81)	**CHQNIC24**	
QuickNetwork 36-inch (914.4) — Install Can with 110 volt Power (Metal)	20 (9.08)	**CHQNIC36**	
QuickNetwork 48-inch (1219.2) — Install Can with 110 volt Power (Metal)	22 (10.00)	**CHQNIC48**	
QuickNetwork Cover for QNIC18 (Clear Plastic)	7 (3.18)	**CHQNCC18C**	
QuickNetwork Cover for QNIC24 (Clear Plastic)	8 (3.63)	**CHQNCC24C**	
QuickNetwork Cover for QNIC36 (Clear Plastic)	10 (4.54)	**CHQNCC36C**	
QuickNetwork Cover for QNIC48 (Clear Plastic)	14 (6.36)	**CHQNCC48C**	
QuickNetwork Cover for QNIC18 (Metal)	7 (3.18)	**CHQNCC18**	
QuickNetwork Cover for QNIC24 (Metal)	8 (3.63)	**CHQNCC24**	
QuickNetwork Cover for QNIC36 (Metal)	10 (4.54)	**CHQNCC36**	
QuickNetwork Cover for QNIC48 (Metal)	14 (6.36)	**CHQNCC48**	
Locking cover for CHSP08 or CHSP08R Distribution Panel	6 (2.72)	**CHCVSP08**	
Locking cover for CHSP16 or CHSP16R Distribution Panel	9 (4.09)	**CHCVSP16**	
Locking cover for CHSP24, CHSP24R, CHSP32, or CHSP32R Panel	11 (5.00)	**CHCV24/32**	

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Table 4-22. Products and Accessories (Continued)

Product Description	Shipping Weight Lbs. (kg)	Catalog Number	Price U.S. $
Modules for QuickNetwork Series Panels			
12 Port, 4 Line Telephone Module Twelve RJ45 ports (CAT5 rated) support four incoming phone lines with speeds up to 100 Mbps. Includes two Amphenol connectors for interface to a Key System Unit (KSU) or PBX. The Amphenol connectors include a shorting block for compatibility with Plain Old Telephone (POTS) lines. Includes surge suppression and one RJ31X port. 12-inch (304.8) form factor.	2.5 (1.13)	CHMDT124P	
12 Port, 4 Line Punchdown Telephone Module The 12/4 Punchdown Telephone Module has twelve laceways which support four (4) incoming telephone lines and distribution to up to 12 locations. 6-inch (152.4) form factor.	1 (0.45)	CHMDT124HB	
12 Port, 2 Line Telephone Module This 12 location, 2 line, RJ11 harmonica-style twisted pair module is used for connecting and distributing voice at speeds up to 10 Mbps. Includes twelve (12) RJ11 ports, supports two (2) incoming telephone lines, and includes an Amphenol connector for interface with a telephone Key System Unit (KSU) or PBX. The Amphenol connector includes a shorting block for compatibility with Plain Old Telephones (POTS) lines. Includes surge suppression. 12-inch (304.8) form factor.	1.8 (0.82)	CHMDT122P	
8 Port, 4 Line Telephone Module 8 RJ45 ports support four (4) incoming phone lines. One RJ31X port for security. 6-inch (152.4) form factor.	1 (0.45)	CHMDT8RJ	
16 Port, 4 Line Telephone Module 16 RJ45 ports support four (4) incoming phone lines. One RJ31X port for security. 6-inch (152.4) form factor.	1.25 (0.57)	CHMDT16RJ	
Combo 4x8 Coax/Phone Distribution Module (with 110 punchdown connectors.) Distributes 1 incoming coax TV line to 4 locations (plus 2 pass-throughs) and 4 telephone lines to 8 locations. 6-inch (152.4) form factor.	1.2 (0.54)	CHMDX48300	
Combo 4x8 Coax/Phone Distribution Module (with RJ45 patch connectors.) Distributes 1 incoming coax TV line to 4 locations (plus 2 pass-throughs) and 4 telephone lines to 8 locations. Includes an RJ31X connection. 6-inch (152.4) form factor.	1.1 (0.50)	CHMDC4T8RJ	
Combo 8x8 Coax/Phone Distribution Module (with 110 punchdown connectors.) Distributes 1 incoming coax TV line to 8 locations (plus 2 pass-throughs) and 4 telephone lines to 8 locations. 6-inch (152.4) form factor.	1.2 (0.54)	CHMDX88300	
Combo 8x8 Coax/Phone Distribution Module (with RJ45 patch connectors.) Distributes 1 incoming coax TV line to 8 locations (plus 2 pass-throughs) and 4 telephone lines to 8 locations. Includes an RJ31X connection. 6-inch (152.4) form factor.	1.2 (0.54)	CHMDC8T8RJ	
1x4 Coax Module 1 in, 4 out coax module with 4 pass-through connectors. 6-inch (152.4) form factor.	1 (0.45)	CHMDC104	
1x8 Coax Module 1 in, 8 out coax module with 2 pass-through connectors. 6-inch (152.4) form factor.	1.3 (0.60)	CHMDC108	

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Product Selection

Table 4-22. Products and Accessories (Continued)

Product Description	Shipping Weight Lbs. (kg)	Catalog Number	Price U.S. $
Modules for QuickNetwork Series Panels (Continued)			
5x8 Coax Module 5 in, 8 out coax module with 20 dB bi-directional amplifier, surge protection, and 4 pass-through connectors, and 4 inputs for modulated signals. 12-inch (304.8) form factor.	3 (1.36)	CHMDC408	
5x12 Coax Module 5 in, 12 out coax module with 20 dB bi-directional amplifier, surge protection, and 4 pass-through connectors, and 4 inputs for modulated signals. 12-inch (304.8) form factor.	3.5 (1.59)	CHMDC412	
5x16 Coax Module 5 in, 16 out coax module with 20 dB bi-directional amplifier, surge protection, with 1 direct and 4 inputs for modulated signals. 12-inch (304.8) form factor.	3.6 (1.63)	CHMDC416	
Blank Patch Module Twelve connection ports (2 CAT5 and 2 coax per zone). 6-inch (152.4) form factor.	0.8 (0.36)	CHMDPB	
2-Zone Patch Module Twelve connection ports (2 CAT5, 2 coax, and 2 Fiber Optic connections per zone). 6-inch (152.4) form factor.	0.8 (0.36)	CHMDP2	
3-Zone Patch Module Twelve connection ports (2 CAT5 and 2 coax per zone). 6-inch (152.4) form factor.	0.8 (0.36)	CHMDP3	
4 Location DBS Distribution Module Provides distribution of a dual LNB DBS Digital Satellite Dish signal to 4 locations through a single coax cable without modulation. Each TV location must be connected to a separate DBS receiver where desired. 6-inch (152.4) form factor.	1.7 (0.77)	CHMDDS4	
8 Location Audio Distribution Module The Audio Distribution Module allows an audio signal to be distributed to 8 stereo or 16 mono speaker locations. 6-inch (152.4) form factor.	1.0 (0.45)	CHMDAD86	
Triple Channel Modulator Module Used for creating in-home television channels for viewing from any TV in the home. Signals from 3 different audio/video sources such as TV, VCR, DVD, DBS, satellite TV, and security cameras may be identified and displayed by any television. 6-inch (152.4) form factor.	2.1 (0.95)	CHMDMD03	
Door Station Module This module allows the homeowner to speak to visitors at a front door or entry using existing telephones. Includes one door station speaker. 6-inch (152.4) form factor.	2.1 (0.95)	CHMDFDS	

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Table 4-22. Products and Accessories (Continued)

Product Description	Shipping Weight Lbs. (kg)	Catalog Number	Price U.S. $
Modules for QuickNetwork Series Panels (Continued)			
8 Port, 10/100Base-T Ethernet Switch Module Used to create a Local Area Network (LAN) by connecting up to 8 computers, printers, scanner, fax machines, etc. Supports data transfer speeds up to 100 Mbps. Stackable. Bridgeable. 12-inch (304.8) form factor.	3.0 (1.36)	CHMDEN108	
5 Port, 10/100Base-T Ethernet Switch Module Used to create a Local Area Network (LAN) by connecting up to 5 computers, printers, scanner, fax machines, etc. Supports data transfer speeds up to 100 Mbps. Stackable. Bridgeable. 12-inch (304.8) form factor.	3.0 (1.36)	CHMDEN105	
5 Port, 10Base-T Ethernet Switch Module Used to create a Local Area Network (LAN) by connecting up to 5 computers, printers, scanner, fax machines, etc. Supports data transfer speeds up to 10 Mbps. Stackable. Bridgeable. 12-inch (304.8) form factor.	3.0 (1.36)	CHMDEN10	
Web Safe Internet Router Module This web safe Internet router includes a built-in 4 port, 100 Mbps Ethernet switch, content filtering and hacker protection. 12-inch (304.8) form factor.	4.0 (1.82)	CHMDRP114	
Entertainment System Components			
8 Location Audio Distribution Module For use in QuickNetwork panels. The Audio Distribution Module allows an audio signal to be distributed to 8 stereo or 16 mono speaker locations. 6-inch (152.4) form factor.	1.0 (0.45)	CHMDAD86	
75 Watt Volume Control	2.0 (0.91)	CHAUD75VC	
35 Watt Volume Control	2.0 (0.91)	CHAUD35VC	
Speakers, In-Wall (set of 2) 6.5-inch (165.1) Poly Woofer, .75 (19.1) Tweeter. Surround Sound capable.	9.0 (4.09)	CHAUDW65	
Speakers, In-Ceiling (set of 2) 6.5-inch (165.1) Poly Woofer, 1-inch (25.4) Swivel Tweeter. Surround Sound capable.	9.0 (4.09)	CHAUDC65	
Speakers, Outdoor (set of 2) 5.5-inch (139.7) Poly Woofer, .75 (19.1) Tweeter, Black. Surround Sound capable.	9.0 (4.09)	CHAUDO55B	
Speakers, Outdoor (set of 2) 5.5-inch (139.7) Poly Woofer, .75 (19.1) Tweeter, White	9.0 (4.09)	CHAUDO55W	

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Product Selection

Table 4-22. Products and Accessories (Continued)

Product Description	Shipping Weight Lbs.(kg)	Catalog Number	Price U.S. $
Patch Cords and Miscellaneous			
2 Pair, CAT3 Telephone Patch Cord, 36 inches (914.4) 2 Pair, CAT3 Telephone Patch Cord, 8 inches (203.2) 2 Pair, CAT3 Telephone Patch Cord, 24 inches (609.6)	0.1 (0.05) 0.1 (0.05) 0.1 (0.05)	CHPCT2 CHPCT21 CHPCT22	
4 Pair, CAT5 Telephone Patch Cord, 36 inches (914.4) 4 Pair, CAT5 Telephone Patch Cord, 8 inches (203.2) 4 Pair, CAT5 Telephone Patch Cord, 24 inches (609.6)	0.1 (0.05) 0.1 (0.05) 0.1 (0.05)	CHPCT4 CHPCT41 CHPCT42	
RG6-rated Mini Digital Cable, 8 inches (203.2) RG6-rated Mini Digital Cable, 14 inches (355.6) RG6-rated Mini Digital Cable, 24 inches (609.6) RG6-rated Mini Digital Cable, 36 inches (914.4)	0.1 (0.05) 0.1 (0.05) 0.1 (0.05) 0.1 (0.05)	CHPCCXM CHPCCXM1 CHPCCXM2 CHPCCXM3	
ST Fiber Optic Patch Cord, 36 inches (914.4)	0.1 (0.05)	CHPCFO	
Single Channel Modulator Used for creating an in-home television channel for viewing from any TV in the home. A signal from audio/video sources such as TV, VCR, DVD, DBS, satellite TV, and security cameras may be identified and displayed by any television.	1.0 (0.45)	CHMOD01	
Triple Channel Modulator Attach to a home entertainment center for creating an in-home television channel for viewing from any TV in the home. A single signal from audio/video sources such as TV, VCR, DVD, or satellite TV may be identified and displayed by any television. For multi-room video distribution, a separate Triple Channel Modulator (part #MDMD or HBMD) must be installed in the distribution panel.	1.0 (0.45)	CHMOD03	
Telephone Line Breakout Module Connects up to 4 devices (phone, fax, DSL or cable modem, etc.) to a single CAT5 jack, with one pass-through connection.	1.0 (0.45)	CHLBO1	
Inserts			
CAT5e Insert Jack for Distribution Panel (includes Blue Bezel, part #BZ5N.) These Category 5e twisted pair, RJ45 jacks include punch down diagrams for 568A or 568B configurations.	0.1 (0.05)	CHML5N	
Coax Insert for Distribution Panels Yellow color.	0.1 (0.05)	CHMLCN	
ST-Style Fiber Optic Inserts for Distribution Panels Used to populate any fiber optic-compatible FutureSmart Distribution panel. Red with red dust cap.	0.1 (0.05)	CHMLFN	
CAT5 Bezel Insert for Distribution Panel connectors Blue.	0.1 (0.05)	CHBZ5N	
Icon Insert for CAT5 Modules Computer/Data Icon, wheel of 16.	0.1 (0.05)	CHIIDT	
Icon Insert for CAT5 Modules Telephone/Voice Icon, wheel of 16.	0.1 (0.05)	CHIITP	
Blank Insert for Distribution Panel — White Blank Insert for Distribution Panel — Red Blank Insert for Distribution Panel — Yellow Blank Insert for Distribution Panel — Blue	0.1 (0.05) 0.1 (0.05) 0.1 (0.05) 0.1 (0.05)	CHBLNW CHBLNR CHBLNY CHBLNB	
Power Supplies			
110 Vac Power Supply for all Coax Hubs and Modules (CHHBC408, CHHBC412, CHHBC416, CHMDC408, CHMDC412, CHMDC416)	—	CHPSV110	

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Cross-Reference

Table 4-23. Cross-Reference (Most Commonly Used Components)

Cutler-Hammer	Square D	Pass & Seymour/ Legrand	OnQ®	Cooper Wiring Devices	GE Smart	Open House	Home Director®	Siemon Home Cabling System®	Leviton	Greyfox™	UStec
CHSWPAK1	SDM18BW + SDM18CW + SDM26P14V	—	1267077-01 + 1267062-01 + 363855-03	5570 – Multi-Media Manager	DC-SY0100/ DC-SY0400/ DC-SY0425/ DC-SY0800	—	SP01	HC-K2-AJLN-80	47605-BTV – Type SMC-140	—	TGS200/tecReady MDU/tecLAN MDU/ iLAN400/tecReady 400/tecReady 800/ tecReady 1600/ tecLAN 400
CHSWPAK2	SDM18BW + SDM18CW + SDM46P + SDM38VBIR + SDM11VMB + SDM4AC	—	1267077-01 + 1267062-01 + 363468-02	—	DC-SY0430/ DC-SY0825/ DC-SY0830	—	BL01/PL00	—	—	—	tecLAN 800/ tecLAN 1600
CHSWPAK4	SDM18BW + SDM18CW + SDM46P + SDM38VBIR + SDM8D + SDM5DE + SDM4AC	—	1267077-01 + 1267062-01 + 363855-03 + 364415-01	—	—	—	—	—	47605-ASO – Type SMC-140	—	—
CHAUDPAK	—	—	—	—	—	—	—	—	—	—	—
CHQN18	SDM18BW + SDM18CW	HNE-1414 - 14 + TRIM-1414 or HNE-1421 + TRIM-KIT Comprehen-sive or TRIM-KIT2 Basic	1267077-01/ 363474-01	—	—	H218A/ HC18A	—	HC-ENCL-10-80 - 10-inch Enclosure	47605-14W - Type SMC-140	E-Series/ S-Series	UX75
CHQN24	—	—	364257-01/ 363475-01	—	—	—	—	HC-ENCL-2-80	47605-28W – Type SMC-280	D-Series	FX-100/FX-410
CHQN36	SDM36BW + SDM36CW	(2) HNE-1421 + TRIM-42 Double-Height Kit	363476-01	—	—	H236A/ HC36A	NCCR01 + NCCR05 or NCCR04	HC-ENCL-36-80	47605-42W – Type SMC420	P-Series	UX75 + UX100
CHMDT8RJ	SDM46P/ SDM48P/ SDM48PX	RTM-7544/ RTM-7556	363940-01/ 363941-01	5571	—	H616/H618	T01/T02/ T04/T06/ T07/T08	HC-110-80-100/ HC-110B-80-100/ HC110-JP6-80/ HC-110-JP12-80	47689-B	F7556	TPDM6R
CHMDT416100	—	RTM-1379/ RTM7542/ HOF-7547	—	—	—	H619	T05	—	47605-C5B	F1475/ F7542	—
CHMDT124P	—	—	—	—	—	H611 - 4	—	—	—	—	—
CHLBO1	—	—	364260-01	—	—	—	—	YA4-A3-U1	47609	—	—
CHML5N	—	—	364289-01	5546W	—	—	—	MX5-F(XX)	40838	—	—
CHPCT42	—	—	363201-25	5500-3GY	—	H691/H692	—	—	52455-3	—	—
CHMDC108	SDM13VS/ SDM14VS	VDM-7577/ VDM-7585/ VDM-7624	364224-01	5573	—	H838HHR/ H838BID	V08	HC-RF-8HS	47690-8C2	F7585/ F7577	CX4X4U-SI
CHMDC408	SDM16VAB/ SDM38VBIR	VDM-7583/ VDM-7621/ VDM-7623	363468-02/ 363469-02	—	—	H816BID	V02	—	47690-38B	F7621	CXAMP8
CHMDC412	—	VDM-7622/ VDM-7626	—	—	—	—	—	—	—	F7622	CAAMP16
CHMDDS4	—	—	364228-01	—	—	—	—	—	—	—	CXDM8
CHMLCN	—	—	364297-01	—	—	—	—	MX5-F(XX)	40831-BI	—	—
CHPCCXM2	—	—	—	—	—	—	—	—	—	—	—
CHMDX88300	—	—	—	—	—	—	—	—	47603-BTV	—	UX-220
CHMDC8T8RJ	SDM26P14V/ SDM46P14V	—	—	—	—	—	—	—	47603-BHN	—	—
CHMDP3	—	—	—	—	—	—	—	—	—	—	—
CHMDPB	—	—	—	—	—	—	—	—	—	—	—
CHMDEN10	SDM8D/ SDM5DE	CNS5-10100BT	364235-02/ 364411-01	—	—	H628/ H629/H635	E01/F01	—	47605-ETX/ 47605-EH	F7546	—
CHMDENR100	—	—	—	—	—	—	—	—	—	F7561	TP10-100BT
CHAUD75VC	—	AVC-W	—	—	—	—	—	—	40841-DI	—	—
CHAUDC65	—	SPK-4/SPK-65/ SPK-8	—	—	—	—	—	—	40891-W	—	—
CHMDAD86	—	AVC-7537	363530-01	—	—	—	A01	—	48211-6A	F7537	—

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