

Closet Connector Housings (CCH)

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Designed based on thousands of hours of voice of customer feedback, Corning Cable Systems Closet Connector Housings (CCHs) offer more than two dozen innovative features that make installation and troubleshooting of fiber optic connectivity faster, easier and more cost-effective. From fiber and cable routing and strain relief to port labeling and termination, these housings reduce the risk of error that can disrupt networks.



LANscape® Solutions | Photo MM003

Closet Connector Housings (CCH)

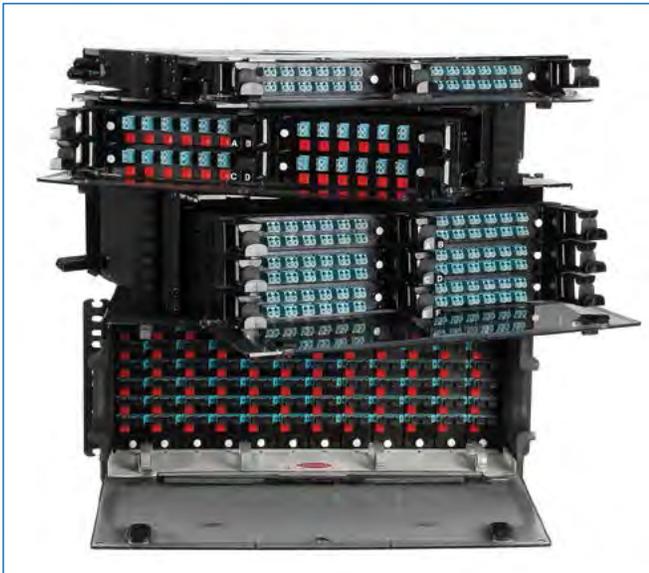
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features and benefits |

Interconnect and cross-connect capability	Ideal for field connectorization
Removable, translucent top covers (1U, 2U, 3U) and removable rear cover (4U)	Visibility and ease of access for installation, testing and troubleshooting
Internal and external strain-relief options	Flexibility for installation and moves, adds and changes (MACs)
Accepts panels, modules and cassettes	Variety of field termination options
Adaptable to use as a modular splice housing	Splices are stored and protected in same footprint

Closet Connector Housings

Corning Cable Systems Closet Connector Housings (CCHs) provide interconnect or cross-connect capabilities between outside plant, riser or distribution cables and opto-electronics. Like all LANscape® Solutions hardware, the housings accept CCH connector panels. In addition, the housings accept CCH cassettes and CCH modules.



Corning Cable Systems CCH Hardware Includes the CCH-01U, CCH-02U, CCH-03U, CCH-04U | Photo LAN2511



CCH-01U with Translucent Top (Covers Partially Open) | Photo LAN2337

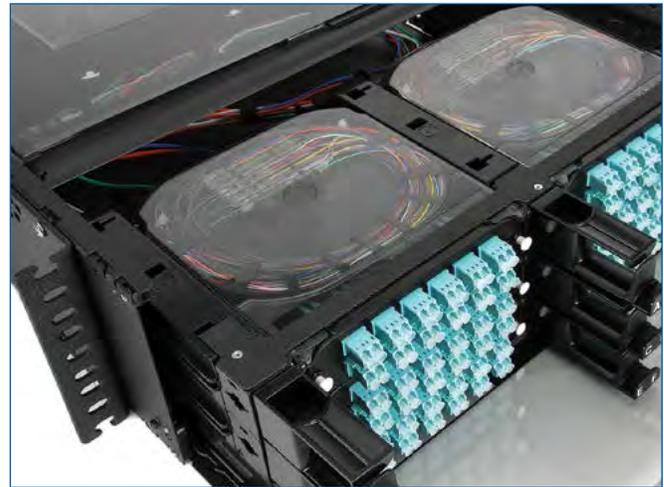
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The units are designed for rack mounting in 19-in (48 cm) racks or optional 23-in (58 cm) equipment racks (1.75-in EIA hole spacing). They are available in rack space options of 1U (two panels, cassettes or modules), 2U (four panels, cassettes or modules), 3U (six panels, cassettes or modules) and 4U (twelve panels, cassettes or modules). The 1U, 2U and 3U options feature a slide-out tray and see-through, removable top covers. The CCH-04U features a clear door, removable front and rear enclosures and a platinum-colored interior for maximum visibility and access.

Documentation labels are provided and components can be added as needed to construct a fiber distribution frame for any application. All housings include a removable tinted polycarbonate front door. All housings have field-installable lock kits available for both front and rear doors.

Every CCH housing is shipped complete with strain-relief brackets, routing clips and guides and mounting brackets for proper installation.



CCH-03U Installed with Splice Cassettes
| Photo LAN2519



CCH-04U Installed with CCH Connector Panels (Sold Separately) | Photo LAN2616

specifications and ordering information |

	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)
CCH-01U	4.4 x 48 x 43 (1.75 x 19 x 17)	5.0 (11.0)
CCH-02U	8.9 x 48 x 43 (3.5 x 19 x 17)	6.5 (14.2)
CCH-03U	13.3 x 48 x 43 (5.25 x 19 x 17)	7.75 (17.0)
CCH-04U	17.8 x 48 x 43 (7 x 19 x 17)	8.0 (17.6)

Closet Connector Housings (CCH)

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specifications and ordering information | (continued)

Part Number	Description
Closet Connector Housings	
CCH-01U	Closet Connector Housing; accepts up to 2 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
CCH-02U	Closet Connector Housing; accepts up to 4 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
CCH-03U	Closet Connector Housing; accepts up to 6 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
CCH-04U	Closet Connector Housing; accepts up to 12 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally

If you need the previous CCH housing (pre-January 2012), use the following part numbers (see LAN-1392-EN):

Part Number	Description
Classic Closet Connector Housings	
CLSSC-01U	Classic Closet Connector Housing; accepts up to 2 CCH panels; comes with blank panels and hardware to strain relieve 1 cable with the universal cable clamp (UCC) or up to (5) 0.4 in or smaller cables with the UCC insert. Does not accept CCH cassettes.
CLSSC-02U	Classic Closet Connector Housing; accepts up to 4 CCH panels; comes with blank panels and hardware to strain relieve 1 cable with the universal cable clamp (UCC) or up to (5) 0.4 in or smaller cables with the UCC insert. Does not accept CCH cassettes.
CLSSC-03U	Classic Closet Connector Housing; accepts up to 6 CCH panels; comes with blank panels and hardware to strain relieve 1 cable with the universal cable clamp (UCC) or up to (5) 0.4 in or smaller cables with the UCC insert. Does not accept CCH cassettes.
CLSSC-04U	Classic Closet Connector Housing; accepts up to 12 CCH panels; comes with blank panels and hardware to strain relieve 1 cable with the universal cable clamp (UCC) or up to (5) 0.4 in or smaller cables with the UCC insert. Does not accept CCH cassettes.

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CCH Cassettes

CCH Splice Cassettes enable fast field termination and easy modular management of connectorization within the housing.

The CCH Splice Cassette supports fusion splicing of individual or ribbon fibers, with heat shrinks, pigtail slack and cable slack managed within a single space-saving footprint. This eliminates the need for individual splice trays or separate splice housings, as well as allowing splicing to be done away from the rack housing in a suitable workspace as needed. The modular design makes it easy to access the fiber in an individual cassette without disturbing the other fibers in the housing. A CCH panel with the desired adapter configuration can be ordered separately and fits easily into the cassette.

Each cassette is shipped with 1 rail for use with CCH-01U/2U/3U housings, and 2 rails used with CCH-04U housings. Grommets and cable ties for additional strain relief and protective tubing for incoming cable are also included. Splice cassettes ship with 12 single-fiber heat-shrink splice protectors.

CCH Slack Cassette

A CCH Slack Cassette option with no splice tray, suitable for use with field-installable connectors, is also available. The Slack Cassette is an economical way to provide modularity, segregation and added protection and security to your direct terminated fibers inside of any of the 4 CCH housing options.

Each cassette is shipped with 1 rail for use with CCH-01U/2U/3U housings, and 2 rails used with CCH-04U housings. Grommets and cable ties for additional strain relief and protective tubing for incoming cable are also included.



CCH Splice Cassette | Photo LAN2452



CCH Slack Cassette | Photo LAN2984

Closet Connector Housings (CCH)

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specifications and ordering information |

Part Number	Description
CCH-CS	CCH Splicing Cassette; accepts 1 CCH Panel and up to 24 single-fiber or 6 ribbon heat-shrink splice protectors; comes with 12 single-fiber heat-shrink splice protectors, grommets and cable ties for strain relief, protective braided tubing, 1 rail for use with CCH-01U/2U/3U housings and 2 rails used with CCH-04U housings
CCH-CF	CCH Slack Storage Cassette; accepts 1 CCH Panel and provides modular slack storage for direct factory or field termination of incoming (e.g., distribution) cables; comes with grommets and cable ties for strain-relief, protective braided tubing, 1 rail for use with CCH-01U/2U/3U housings and 2 rails used with CCH-04U housings

	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)
CCH-CS	16.2 x 3.5 x 20 (6.4 x 1.4 x 7.9)	0.5 (1)
CCH-CF	16.2 x 3.5 x 20 (6.4 x 1.4 x 7.9)	0.5 (1)

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CCH Pigtailed Cassettes

CCH Pigtailed Splice Cassettes enable faster field splicing and easy modular management of connectorization within the housing.

The CCH Pigtailed Splice Cassettes are pre-loaded and pre-routed for quick fusion splicing of either individual or ribbon fiber pigtailed, utilizing the same space-saving platform as the standard CCH Splice Cassette.

The pre-routed Pigtailed Cassettes reduce field labor by streamlining the features and components of the pigtail cassette to allow for efficiencies in the field. They are loaded with a pigtail assembly and a CCH Connector Panel. The pigtailed have 900 μm protection at the connector panel for added durability, routed into the splice tray layer, where it transitions to either 250 μm fiber or bare ribbon (depending on the splicing method desired) for ease of splicing.

The Pigtailed Cassette allows the elimination of individual splice trays or separate splice housings, as well as allowing splicing to be done away from the rack housing in a suitable workspace as needed. The modular design makes it easy to access the fiber in an individual cassette without disturbing the other fibers in the housing.

Each cassette is shipped with the CCH Connector Panel and choice of pigtailed, 1 rail for use with CCH-01U/2U/3U housings, and 2 rails used with CCH-04U housings. Grommets and cable ties for additional strain relief and protective tubing for incoming cable are also included. Splicing cassettes ship with the appropriate number and type of fiber heat-shrink splice protectors.



CCH Pigtailed Cassette | Photo LAN2741



CCH Pigtailed Cassette | Photo LAN2593

Closet Connector Housings (CCH)

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specifications and ordering information |

Pigtailed Splice Cassettes (CCH-CS)

CCH Splice Cassette (CCH-CS) loaded with CCH panel and factory-terminated pigtailed. Available with ribbon or single-fiber splicing configurations. Includes appropriate number and type of heat shrinks and protective tubing depending on fiber count and cable type. See matrix on the next page to build your part number.

Multimode

Loss 0.35 dB typical (all fibers) at 1300 nm, 0.5 dB max*

Single-Mode

Loss 0.15 dB typical (all fibers) at 1310 nm, 0.4 dB max*

The following 6 products are in the core CCH product set and are stocked at our distributors for immediate availability.

Part Number	Description	Type
CCH-CS12-59-P00RE	12 F, SC, UPC, Duplex, Single-mode (OS2), Single-fiber (250 µm)	Rack-Mountable Hardware
CCH-CS12-6T-P00RE	12 F, ST® Compatible, UPC, Simplex, Single-mode (OS2), Single-fiber (250 µm)	Rack-Mountable Hardware
CCH-CS12-A9-P00RE	12 F, LC, UPC, Duplex, Single-mode (OS2), Single-fiber (250 µm)	Rack-Mountable Hardware
CCH-CS24-A9-P00RE	24 F, LC, UPC, Duplex, Single-mode (OS2), Single-fiber (250 µm)	Rack-Mountable Hardware
CCH-CS12-E4-P00TE	12 F, LC, PC, Duplex, 50 µm (OM3), Single-fiber (250 µm)	Rack-Mountable Hardware
CCH-CS24-E4-P00TE	24 F, LC, PC, Duplex, 50 µm (OM3), Single-fiber (250 µm)	Rack-Mountable Hardware

	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)
CCH-CS <input type="checkbox"/> <input type="checkbox"/> - <input type="checkbox"/> <input type="checkbox"/> - P00 <input type="checkbox"/> <input type="checkbox"/>	16.2 x 3.5 x 20 (6.4 x 1.4 x 7.9)	0.75 (1.5)

Closet Connector Housings (CCH)

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ordering information | (continued)

CCH Pigtailed Splice Cassettes

CCH - CS	□ □	-	□ □	-	P00	□ □
	1		2			3 4

|1
Select fiber count.
06 = 6 fibers
08 = 8 fibers
12 = 12 fibers
16 = 16 fibers
24 = 24 fibers
See Note 1

|3
Select fiber type.
K = 625 μm multimode (OM1)
B = 50 μm multimode (OM2)
T = 50 μm multimode (OM3)
Q = 50 μm multimode (OM4)
R = Single-mode (OS2)

Note:
1) Fiber count for desired adapter is available in table on following page.

|2
Select adapter code (see Adapter/Connector Code Options table on following page).

|4
Select splicing type.
E = Single fiber splicing
J = Ribbon splicing (only for fiber counts of 12 or 24)

Part Number	Description
Part Number Examples	
CCH-CS12-59-P00RE	Closet Connector Housing Pigtail Cassette with 6 SC duplex single-mode adapters, with 12 single-mode SC pigtails routed inside the cassette for single-fiber splicing
CCH-CS24-E4-P00TE	Closet Connector Housing Pigtail Cassette with 12 LC duplex aqua OM3/4 adapters, with 24 OM3 LC pigtails routed inside the cassette for single-fiber splicing

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adapter/connector code options |

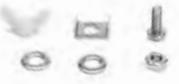
Adapter Code	Fiber Type	Alignment	Housing	Fiber/Adapter	Available Fiber/Panel Counts					
					6	8	12	16	24	
LC Duplex										
A8	62.5 µm multimode (OM1)	Ceramic	Composite	2	X	X	X	X	X	
D3	50 µm multimode (OM2)	Ceramic	Composite	2	X	X	X	X	X	
E4	50 µm multimode (OM3/4)	Ceramic	Composite	2	X	X	X	X	X	
A9	Single-mode, UPC (OS2)	Ceramic	Composite	2	X	X	X	X	X	
B3	Single-mode, APC (OS2)	Ceramic	Composite	2	X	X	X	X	X	
SC Duplex										
91	62.5 µm multimode (OM1)	Metal	Composite	2	X	X	X			
G7	50 µm multimode (OM2)	Ceramic	Composite	2	X	X	X			
E7	50 µm multimode (OM3/4)	Ceramic	Composite	2	X	X	X			
59	Single-mode, UPC (OS2)	Ceramic	Composite	2	X	X	X			
D9	Single-mode, APC (OS2)	Ceramic	Composite	2	X	X	X			
SC										
56	62.5 µm multimode (OM1)	Metal	Composite	1	X	X	X			
G6	50 µm multimode (OM2)	Ceramic	Composite	1	X	X	X			
E6	50 µm multimode (OM3/4)	Ceramic	Composite	1	X	X	X			
3C	Single-mode, UPC (OS2)	Ceramic	Composite	1	X	X	X			
6C	Single-mode, APC (OS2)	Ceramic	Composite	1	X	X	X			
ST® Compatible Connector										
5T	62.5 µm multimode (OM1)	Ceramic	Metal	1	X	X	X			
G5	50 µm multimode (OM2)	Ceramic	Metal	1	X	X	X			
H3	50 µm multimode (OM3/4)	Ceramic	Metal	1	X	X	X			
6T	Single-mode, UPC (OS2)	Ceramic	Metal	1	X	X	X			
FC										
11	Single-mode, UPC (OS2)	Metal	Metal	1	X	X	X			
21	Single-mode, APC (OS2)	Metal	Metal	1	X	X	X			
MT-RJ, pinned										
97	62.5 µm multimode (OM1)	N/A	Composite	2		X	X	X	X	
G1	50 µm multimode (OM2)	N/A	Composite	2		X	X	X	X	
E1	50 µm multimode (OM3/4)	N/A	Composite	2		X	X	X	X	
98	Single-mode, UPC (OS2)	N/A	Composite	2		X	X	X	X	
Fiber Type		Housing Color								
62.5 µm multimode (OM1)		Beige								
50 µm multimode (OM2)		Black								
50 µm multimode (OM3/4)		Aqua								
Single-mode, UPC (OS2)		Blue								
Single-mode, APC		Green								

Note: For keyed LC ordering information, please refer to LAN-701-EN.

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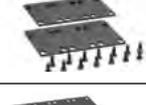
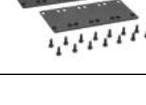
ordering information | (continued)

Part Number	Description	
Accessories		
Strain Relief		
UCC-001	Universal Cable Clamp Kit for use with external strain-relief bracket of CCH housings. Includes one UCC clamp and inserts for one cable up to 1.125-in diameter or up to five 0.4-in or smaller cables.	
CPP-SSR-KIT	Central Member Strain-Relief Kit. Includes one clamp, washers and screw to attach to CCH internal strain-relief bracket.	
Mounting		
CCH1-RECESS-KIT-5	Includes 5 pairs of brackets to recess mount 5 CCH-01U housings	
CCH2-RECESS-KIT-5	Includes 5 pairs of brackets to recess mount 5 CCH-02U housings	
CCH3-RECESS-KIT-5	Includes 5 pairs of brackets to recess mount 5 CCH-03U housings	
CCH4-RECESS-KIT-5	Includes 5 pairs of brackets to recess mount 5 CCH-04U housings	
CCH4-3INCH-KIT-5	Includes 5 pairs of brackets to mount 5 CCH-04U housings with 3-in frontal projection (standard CCH-04U frontal projection is 5-in)	
CDF-01U-23-BKT	23-in Mounting Brackets for the CCH-01U	
CDF-02U-23-BKT	23-in Mounting Brackets for the CCH-02U	
CDF-03U-23-BKT	23-in Mounting Brackets for the CCH-03U	
CDF-04U-23-BKT	23-in Mounting Brackets for the CCH-04U	

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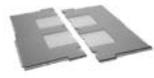
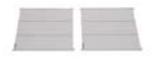
ordering information | (continued)

Part Number	Description	
Mounting		
CDF-01U-24-BKT	24-in Mounting Brackets for the CCH-01U	
CDF-02U-24-BKT	24-in Mounting Brackets for the CCH-02U	
CDF-03U-24-BKT	24-in Mounting Brackets for the CCH-03U	
CDF-04U-24-BKT	24-in Mounting Brackets for the CCH-04U	
Miscellaneous		
FDC-CABLE-GRND	Armored Cable Grounding Kit; contains armored grounding clip and ground strap	
CCHA-LOCK-KIT	CCH Hardware Lock Kit, compatible with CCH-01U, CCH-02U, CCH-03U, CCH-04U front and rear doors	
CJP-01U	Closet Jumper Management Panel; provides jumper management in a 1.75-in rack space	
CJP-02U	Closet Jumper Management Panel; provides jumper management in a 3.5-in rack space	
CJP-03U	Closet Jumper Management Panel; provides jumper management in a 5.25-in rack space	

Closet Connector Housings (CCH)

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ordering information | (continued)

Part Number	Description	
Replacement Parts		
Covers and Doors		
CCH1-TOP-COVER-2	Top Covers (2) for CCH-01U, CCH-02U and CCH-03U, with 2 label cards	
CCH1-DOOR-FRONT	Front Door for CCH-01U, includes hinges and latches	
CCH2-DOOR-FRONT	Front Door for CCH-02U, includes hinges and latches	
CCH3-DOOR-FRONT	Front Door for CCH-03U, includes hinges and latches	
CCH4-DOOR-FRONT	Front Door for CCH-04U, includes hinges and latches	
CCH1-DOOR-REAR	Rear Door for CCH-01U, includes hinges and latches	
CCH2-DOOR-REAR	Rear Door for CCH-02U, includes hinges and latches	
CCH3-DOOR-REAR	Rear Door for CCH-03U, includes hinges and latches	
CCH4-DOOR-REAR	Rear Door for CCH-04U, includes hinges and latches	
Labeling		
CCH1-LABEL-CARD-20	Plastic Label Holder Cards for CCH-01U, CCH-02U, CCH-03U; 20 per pack	
CCH4-LABEL-CARD-20	Plastic Label Holder Cards for CCH-04U; 20 per pack	
CCHA-LABEL-PNL-50	Additional Adhesive Labels for the CCH; contains 50 labels	

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ordering information | (continued)

Part Number	Description	
Strain Relief		
CCH1-STRN-INT	Internal Strain-relief Bracket for the CCH-01U, CCH-02U, CCH-03U	
CCH1-STRN-EXT	External Strain-relief Bracket for the CCH-01U, CCH-02U, CCH-03U	
CCH4-STRN-INT	Internal Strain-relief Bracket for the CCH-04U	
CCH4-STRN-EXT	External Strain-relief Bracket for the CCH-04U	
CCHA-CLIP-BTF-2	Transitional Strain-relief Clip for CCH-01U, CCH-02U, CCH-03U, CCH-04U; 2 per pack	
Fiber and Cable Management		
CCH1-CASS-RAIL	1 Stacker Rail for CCH-01U, CCH-02U, CCH-03U; for use with CCH cassettes	
CCH4-CASS-RAIL-24	Small Rails for CCH-04U; for use with CCH cassettes; 24 per pack	
CCHA-CLIP-SLCK-8	Segregated Fiber Routing Clips for CCH-01U, CCH-02U, CCH-03U, CCH-04U; 8 per pack	
CCH1-GUIDE-JMPR-3	Front Jumper Routing Guide for the CCH-01U, CCH-02U, CCH-03U; 3 per pack	
CCH4-CLIP-JMPR-8	Front Jumper Routing Guide for the CCH-04U; 8 per pack	
CCHA-CLIP-PNL-24	Panel Clips for the CCH-01U, CCH-02U, CCH-03U, CCH-04U; 24 per pack	

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notes |

PRETERMINATED SYSTEMS | CABLES | CONNECTORS | CABLE ASSEMBLIES | HARDWARE | SPLICE CLOSURES | TEST EQUIPMENT | SPLICE EQUIPMENT | TRAINING |

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notes |

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