Fiber Optic Hardware with Factory-Installed Pigtails

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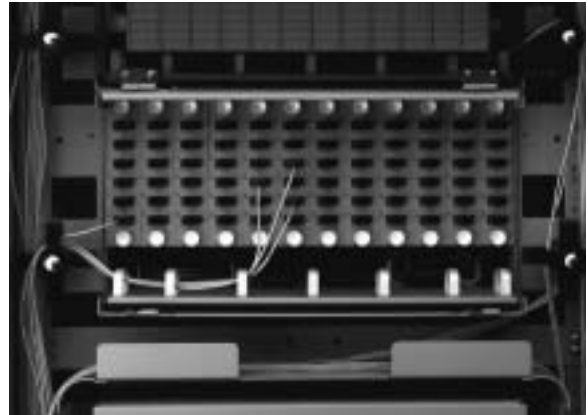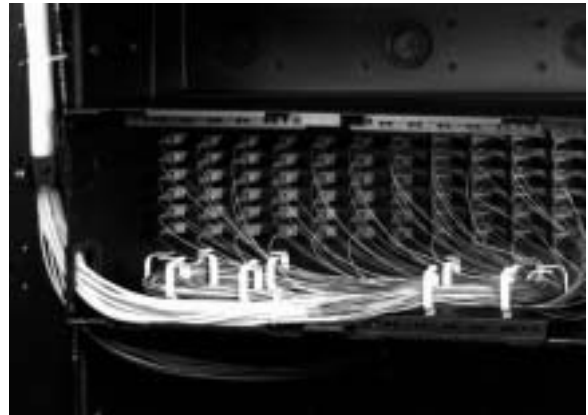
Description

Corning Cable Systems offers pigtailed housings to enable splicing in fiber optic housings typically installed within central or remote offices, headends and hubs. Housings are available partially or fully loaded. The pigtailed housings can be mated with splice housings for on-the-rack splicing. They are available with a variety of industry-standard connector types and come complete with factory-installed and tested connectorized pigtails. Contact Corning Cable Systems Customer Service for more information on the availability of special configurations.

Features / Benefits

• Factory quality termination

• Available in a variety of hardware styles, connector types and fiber counts

• Available with MIC® Cable, OptiStrip™ Buffered Fiber, ribbon or 3-mm single-fiber pigtails

• Decreases the number of line items in an order and reduces installation time

• Custom configurations available

FDC® Unit Connector Housing | Photo ICH93

Eclipse® Hardware Connector Housing | Photo ICH78

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Product Specifications

Fiber Optic Hardware with Factory-Installed Pigtails

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Ordering Information

Note: Some product combinations using this matrix are not available. Please verify specific product availability with a Corning Cable Systems Customer Service Representative.

☐ ☐ ☐ ☐ ☐ **P** ☐ ☐ - ☐ ☐ - ☐ ☐ ☐ ☐ ☐ ☐
1   **2**   **3**   **4**   **5 6 7 8 9 10**

1 Select housing type.

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel/Module Type (see Table B for capacities)	Splice Tray Options Type (see Table C)	Locking Availability	Notes
ACH™ Unit – Angled Connector Housing							
ACH	ACH-CMH-072	8 x 20.5 x 12	12	ACH Unit			23-in frame only
HPH	ACH-HMH-072	8 x 20.5 x 12	12	HCP			23-in frame only
ACP	ACH Unit pigtailed panels		N/A				Requires ACH Unit housing
HCP	HMH pigtailed panels		N/A				Requires HMH housing
ADB							
ADB	ADB-APH-072	8 x 17 x 11	12	ADB			19- or 23-in frame
CCH – Closed Connector Housing							
CC1	CCH-01U	1.75 x 17 x 12	2	CCH		Front or rear	19- or 23-in frame
CC2	CCH-02U	3.5 x 17 x 12	4	CCH		Front or rear	19- or 23-in frame
CC3	CCH-03U	5.25 x 17 x 12	6	CCH		Front or rear	19- or 23-in frame
CC4	CCH-04U	7 x 17 x 12	12	CCH		Front or rear	19- or 23-in frame
CS1	CCS-01U	1.75 x 17 x 12	2	CCH	2 Type 2R, 2S, 2M 1 Type 4R 4S, 4M	Front or rear	19- or 23-in frame
CS3	CCS-03U	5.25 x 17 x 12	4	CCH	4 Type 2R, 2S, 2M 2 Type 4R, 4S, 4M	Front or rear	19- or 23-in frame
Eclipse® Hardware							
ECL	ECL-C4U with 4-fiber panels	7 x 17.3 x 12	12	ECL			19- or 23-in frame
EW2	ECL-W2P	6.7 x 12.5 x 4.25	2	ECL	6 Type 2R 3 Type 4R	Dual door	Wall-mountable
EW3	ECL-W3P	13 x 12.5 x 4.25	3	ECL	6 Type 2R 3 Type 4R	Dual door	Wall-mountable
EW6	ECL-W6P	20.75 x 12.5 x 4.25	6	ECL	12 Type 2R 6 Type 4R	Dual door	Wall-mountable
EP4	Eclipse Hardware Connector Panel		N/A				Requires ECL housing
Fiber Building Terminal							
FBT	FBT-048	11 x 17 x 6.12	8	LDC	4 Type 2R 2 Type 4R	Single (provider and subscriber)	Wall-mountable, locking version available

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Ordering Information (continued)

1 Select housing type (continued).

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel/Module Type (see Table B for capacities)	Splice Tray Options Type (see Table C)	Locking Availability	Notes
FDC° Unit – Fiber Distribution Center							
FDC	FDC-CMH-072	8.75 x 17 x 11	12	FDC Unit		Front	19- or 23-in frame
FD5	FDC-CMH-024	5.25 x 17 x 11	4	FDC Unit		Front	19- or 23-in frame
FD1	FDC-001	26.25 x 17 x 11	24	FDC Unit	22 Type 2R, 2S 14 Type 4R, 4S, 4A	Front	19- or 23-in frame, splice and termination combo unit, 144-fiber
FD2	FDC-002	17.5 x 17 x 11	12	FDC Unit	22 Type 2R, 2S 14 Type 4R, 4S, 4A	Front	19 or 23- in frame, splice and termination combo unit, 72-fiber
FD3	FDC-003	8.75 x 17 x 11	4	FDC Unit	12 Type 2R, 2S 14 Type 4R, 4S	Front	19- or 23-in frame, splice and termination combo unit, 24-fiber
FDV	FDC-005	5.25 x 17 x 11	4	FDC Unit	2 Type 2R, 2S 2 Type 4R, 4S	Front	19- or 23-in frame, splice and termination combo unit, 24-fiber
FDM	FDC Unit Module		N/A				Requires FDC Unit housing
FDP	FDC Unit Panel		N/A				Requires FDC Unit housing
FHP	FHC Panel		N/A				Requires FHC housing
HDF – High-Density Frame							
HD1	HDF single shelf	1.75 x 21.25 x 12	24	HDF	One UST-024		23-in frame only
HD2	HDF double shelf	3.5 x 21.25 x 12	48	HDF	Two UST-024		23-in frame only
HD3	HDF triple shelf	5 x 21.25 x 12	72	HDF	Three UST-024		23-in frame only
HD4	HDF four shelf	7 x 21.25 x 12	96	HDF	Four UST-024		23-in frame only
HD5	HDF five shelf	8.75 x 21.25 x 12	120	HDF	Five UST-024		23-in frame only
HD6	HDF six shelf	10.5 x 21.25 x 12	144	HDF	Six UST-024		23-in frame only
HD7	HDF seven shelf	12.25 x 21.25 x 12	168	HDF	Seven UST-024		23-in frame only
HD8	HDF eight shelf	14 x 21.25 x 12	192	HDF	Eight UST-024		23-in frame only
HD9	HDF nine shelf	15. 75 x 21.25 x 12	216	HDF	Nine UST-024		23-in frame only

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Ordering Information (continued)

1 Select housing type (continued).

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel/Module Type (see Table B for capacities)	Splice Tray Options Type (see Table C)	Locking Availability	Notes
LDC							
LDC	LDC-CMH-072	7 x 17 x 11	12	LDC			19- or 23-in frame
LDT	LDC-CMH-024	3.5 x 17 x 11	4	LDC			19- or 23-in frame
LDS	LDS-CMH-072	7 x 17 x 11	12	LDS			19- or 23-in frame, recessed panels
LHS	LHS-CMH-144	9 x 17 x 11	12	LHS			19- or 23-in frame
LHR	LHS-CHH-144	9 x 17 x 11	12	LHR			19- or 23-in frame, recessed panels
LXR	LXR-001	16 x 17 x 11	6 and 12	LDS, LHR			19- or 23-in frame, recessed panels, LDS and LHR combo unit
LTS	LTS-CMH-216	10 x 17 x 11	12	LTS			19- or 23-in frame
LD1	LDC-001	21 x 17 x 11	24	LDC	Six LGX® Compatible Trays		19- or 23-in frame, splice and termination combo unit, 144-fiber
LD2	LDC-002	14 x 17 x 11	12	LDC	Six LGX Compatible Trays		19- or 23-in frame, splice and termination combo unit, 72-fiber
LD5	LDC-005	5 x 17 x 11	4	LDC	One LGX Compatible Tray		19- or 23-in frame, splice and termination combo unit, 24-fiber
LDP	LDC Panel		N/A	LDP			Requires LDC housing
LHP	LHC Panel		N/A	LHP			Panel used in WBT-024
LRP	LDS Panel		N/A	LRP			Recessed panel used in LDS housing
LDM	LDC Module		N/A	LDM			Requires LDC housing
PCH – Pretium™ Connector Housing							
PR1	PCH-01U	1.75 x 17 x 16	2	CCH			19-in standard, 23-in sold separately
PR4	PCH-04U	7 x 17 x 16	12	CCH			19-in standard, 23-in sold separately

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Ordering Information (continued)

1 **Select housing type (continued).**

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel/Module Type (see Table B for capacities)	Splice Tray Options Type (see Table C)	Locking Availability	Notes
Remote Cabinet Shelf							
RC2	RCS-012	1.75 x 17 x 11	2	FDC® Unit			19- or 23-in frame, forward sliding tray
RC4	RCS-024	3.5 x 17 x 11	4	FDC Unit			19- or 23-in frame, forward sliding tray
RH2	RCS-CSH-012	1.75 x 17 x 11	2	FDC-CP1P-123C	2 Type 2S 1 Type 4S		19- or 23-in frame, high-density, SC only
RH4	RCS-CSH-024	3.5 x 17 x 11	4	FDC-CP1P-123C	4 Type 2S 2 Type 4S		19- or 23-in frame, high-density, SC only
Wall Building Terminal							
WBT	WBT-012	7 x 15.5 x 4	2	LDC	2 Type 2R 1 Type 4R	Provider door	Wall-mountable, uses standard LDC panels
WB4	WBT-024	7 x 15.5 x 4	2	LHC	2 Type 2R 1 Type 4R	Provider door	Wall-mountable, uses LHC panels, SC only, 24-fiber
Wall-Mountable Connector Center							
WC4	WCC-048	12 x 20.3 x 3.25	8	FDC Unit		Provider door	Wall-mountable, uses standard FDC Unit panels
WC7	WCC-072	12 x 20.3 x 3.25	12	FDC Unit		Provider door	Wall-mountable, uses standard FDC Unit panels
Wall Distribution Center							
WD1	WDC-001	12.7 x 17.2 x 3	4	FDC Unit	4 Type 2R 2 Type 4R	Provider door	Wall-mountable, uses standard FDC Unit panels
WD2	WDC-002	12.7 x 17.2 x 4	4	FDC Unit	4 Type 2R 2 Type 4R	Provider door	Wall-mountable, uses standard FDC Unit panels
WD6	WDC-006	15.5 x 19 x 4	4	LDC		Provider door	Wall-mountable, uses standard LDC panels and B-size Raychem splice trays
Wall Interconnect Center							
WI4	WIC-024	9.25 x 8.5 x 4.6	4	WIC	2 Type 2R 1 Type 4R		Wall-mountable
Wall-Mountable Connector Housing							
WH2	WCH-02P	9.25 x 13.25 x 3.25	2	CCH	2 Type 2R 1 Type 4R	Provider door	Wall-mountable
WH4	WCH-04P	13.5 x 16.1 x 4.1	4	CCH	8 Type 2R 4 Type 4R	Provider door	Wall-mountable
WHC	WCH-12P	13.5 x 22.5 x 5.1	12	CCH	12 Type 2R 6 Type 4R	Provider door	Wall-mountable

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Ordering Information (continued)

2 Select total fiber count (0-99 fibers, enter number; 99+, enter alphanumeric from Table A).

Examples:
72 = 72-fiber
E4 = 144-fiber
M6 = 216-fiber

3 Select number of fibers required per panel; see Table B for panel capacity based on connector type.

Examples:
06 = 6-fiber
12 = 12-fiber

4 Select adapter/connector code.

Single-mode, Ultra PC (RFL ≤ -55 dB)
3C = SC/UPC, ceramic insert adapter
59 = SC/UPC Duplex, ceramic insert
11 = FC/UPC, metal insert adapter
19 = ST/UPC, ceramic insert adapter
    (FDC® Unit and HDF only)
6T = ST/UPC, threaded ceramic insert
98 = MT-RJ
A9 = LC/UPC Duplex, ceramic insert

Single-mode, Angled PC (RFL ≤ 70 dB)
6C = SC/APC, ceramic insert adapter, simplex
21 = FC/APC, metal insert adapter
66 = SC/APC Duplex, ceramic insert adapter

Multimode
39 = SC/PC, metal insert adapter
56 = SC/PC, composite adapter
50 = ST/PC, ceramic insert adapter
5T = ST/PC, threaded ceramic insert adapter
25 = ST/PC, composite insert adapter
    (FDC Unit and HDF only)
2T = ST/PC, threaded composite insert adapter
17 = FC/PC, metal insert adapter
34 = FDDI/ST, ceramic insert
27 = ESCON®/ST, ceramic insert
57 = SC Duplex, metal insert
91 = SC Duplex, composite insert
97 = MT-RJ
A7 = LC/UPC Duplex, metal insert
A8 = LC/UPC Duplex, ceramic insert
E4 = LC/UPC Duplex, ceramic insert,
    laser-optimized 50 um multimode fiber
E6 = SC/UPC Simplex, ceramic insert,
    laser-optimized 50 um multimode fiber
E7 = SC/UPC Duplex, ceramic insert,
    laser-optimized 50 um multimode fiber

Note: ST = ST® Compatible

5 Select pigtail length in meters. (1 m = 3.281 ft; 0-9 meters, enter number; 9+, enter first two digits of alphanumeric code from Table A).

Examples:
3 = 3 m
A = 10 m
F = 15 m

6 Select mode of operation.

R = Single-mode
C = Multimode (50/125)
K = Multimode (62.5/125)
S = Laser-optimized multimode (50 μm)

7 Select pigtail type.

H = Jacketed MIC® Sub-unit Cable, Enhanced OptiStrip™ Buffered Fiber
J = Ribbon
N = OptiStrip Buffered Fiber, single-fiber 900 μm
S = Laser-optimized 50 μm multimode fiber

8 Select number of splice trays. (0-9 trays, enter number; 9+ trays, enter first two digits of alphanumeric code from Table A).

Examples:
6 = 6 trays
C = 12 trays

Note: See Table C for splice tray capacity and splice-type information.

9 Select splice tray type; see Chart C for a selection of splice tray options available (if no splice tray, enter 0).

Verify splice tray compatiblilty and capacity with the information listed in Section 1.

If trays are to be ordered separately, enter a "2" for reserved 0.2-in-tall capacity or a "4" for reserved 0.4-in-tall tray capacity within the housing.

10 Select lock option (where available).

L = Locking (see Note)
0 = No lock (see Note)

Note: Units ordered with the locking feature indicated will be shipped with one lock installed on the cable entry or provider side door for wall-mountable hardware and on the front door for rack-mountable hardware.

Additional lock kits for hardware items featuring the possibility of dual locking doors may be ordered using the part number below:

HDWR-LOCK-KIT

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Ordering Information (continued)

Table A
Codes for Over 9 or 99

A _	=	10_	AN	=	460
B _	=	11_	AP	=	470
C _	=	12_	AQ	=	480
D _	=	13_	AR	=	490
E _	=	14_	AS	=	500
F _	=	15_	AT	=	510
G _	=	16_	AU	=	520
H _	=	17_	AV	=	530
J _	=	18_	AW	=	540
K _	=	19_	AX	=	550
L _	=	20_	AY	=	560
M _	=	21_	AZ	=	570
N _	=	22_	BA	=	580
P _	=	23_	BB	=	590
Q _	=	24_	BC	=	600
R _	=	25_	BD	=	610
S _	=	26_	BE	=	620
T _	=	27_	BF	=	630
U _	=	28_	BG	=	640
V _	=	29_	BH	=	650
W _	=	30_	BJ	=	660
X _	=	31_	BK	=	670
Y _	=	32_	BL	=	680
Z _	=	33_	BM	=	690
AA	=	340	BN	=	700
AB	=	350	BP	=	710
AC	=	360	BQ	=	720
AD	=	370	BR	=	730
AE	=	380	BS	=	740
AF	=	390	BT	=	750
AG	=	400	BU	=	760
AH	=	410	BV	=	770
AJ	=	420	BW	=	780
AK	=	430	BX	=	790
AL	=	440	BY	=	800
AM	=	450	BZ	=	810

"I" and "O" are not used.

Lengths from 100 to 339, use single letter plus number (1 to 9).

Examples
E4 = 144 m
A5 = 105 m
M6 = 216 m
T9 = 279 m

Lengths over 339 m can be ordered only in 10-m increments. Use double letters.

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Ordering Information (continued)

Table B – Maximum Fiber Counts per Panel and Connector Type

Panel Type	SC Simplex	SC Duplex	Connector Type FC	ST	MT-RJ	LC Duplex
ACH	12	N/A	6	6	N/A	24
HCP	6	N/A	6	6	N/A	12
ADB	8	N/A	N/A	N/A	12	16
CCH	12	12	12	12	24	24
ECL	8	12	6	6	N/A	16
LDC	8	6	6	6	N/A	16
FDC	12	12	6	6	N/A	24
FHP	12	12	12	12	N/A	24
HDF	24	N/A	24	24	48	48
LDS	6	N/A	N/A	N/A	N/A	12
LHS	12	N/A	N/A	N/A	N/A	24
LHR	12	N/A	N/A	N/A	N/A	24
LHP	12	N/A	N/A	N/A	N/A	24
LRP	6	N/A	N/A	N/A	N/A	12
LTS	18	N/A	N/A	N/A	36	36
MTX	12	N/A	12	8	N/A	24
WIC	8	6	6	8	16	16

Note: ACH = ACH™ Unit, ECL = Eclipse® Hardware, FDC = FDC® Unit, ST = ST® Compatible

Part Number Example

WBT 12 P 06 - 3C - 3 R J 1 D L
1 **2** **3** **4** **5 6 7 8 9 10**

1 = WBT, WBT-012 housing
2 = 12, total fiber count is 12 fibers
3 = 06, use 6-fiber panels
4 = 3C, terminate with SC/UPC connectors
5 = 3, 3-m pigtail
6 = R, single-mode
7 = J, ribbon pigtail
8 = 1, one splice tray
9 = D, M67-110 tray
10 = L, locking version

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Ordering Information (continued)

Table C – Splice Tray Specification Information

Splice Tray Type From Section 1	Splice Tray Part Number	Tray Dimensions L x W x D (in)	Splice Protection Type	Splice Capacity	Splice Tray Code For Pigtailed Part Number[1]	Notes
					2	Splicing capacity reserved for 0.2-in-tall trays – trays not included
					4	Splicing capacity reserved for 0.4-in-tall trays – trays not included
2S	M67-041	11.7 x 3.9 x 0.2	Fusion – RTV	12	A	
2R	M67-060	6.9 x 3.5 x 0.2	Fusion – RTV	12	C	
4R	M67-110	6.9 x 3.5 x 0.4	Heat-Shrink Fusion (HSF) Heat-Shrink Mass Fusion (HSMF)	12 HSF, 6 HSMF (72-fiber)	D	
2S	M67-048	11.7 x 3.9 x 0.2	Heat-Shrink Fusion	12	F	
2R	M67-061	7.3 x 3.5 x 0.2	Mechanical	6	J	
2R	M67-068	7.3 x 3.5 x 0.2	Heat-Shrink Fusion	6	K	
4S	M67-076	11.7 x 3.9 x 0.4	Heat-Shrink Fusion (HSF) Heat-Shrink Mass Fusion (HSMF)	12 HSF, 6 HSMF (72-fiber)	L	
4S	M67-078	11.7 x 4.3 x 0.4	Heat-Shrink Fusion (HSF) Heat-Shrink Mass Fusion (HSMF)	24 HSF, 12 HSMF (144-fiber)	P	
4S	M67-118	11.7 x 3.9 x 0.4	Splice Pak™ (Q-pack) Splice Protector	24	S	Splice holder on opposite end of entry
LGX®-comp	09-004-66		Mechanical	24	T	For LGX-compatible units only
4A	UST-024	13 x 4.25 x 0.4	Fusion (HSF), Heat Shrink Mass Fusion (HSMF), Mechanical	24, 6 HSMF	U	Splice Holder Assortment supplied for all splice protection types – assembly required
4S	M67-113	11.7 x 3.9 x 0.4	Splice Pak (Q-pack) Splice Protector	12	X	
LGX-comp	09-035-18		Heat-Shrink Mass Fusion	12 (144-fiber)	Y	For LGX-compatible units only
LGX-comp	09-004-67		Heat-Shrink Fusion	24	Z	For LGX-compatible units only

[1] *Enter value in Option 9 of part number sequence.*

2S = 0.2-in-tall standard length trays (11.7 in length)
2R = 0.2-in-tall reduced length trays (6.9 in length)
4S = 0.4-in-tall standard length trays (11.7 in length)
4R = 0.4-in-tall reduced length trays (6.9 in length)
4A = 0.4-in-tall long splice trays (13 in length)

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