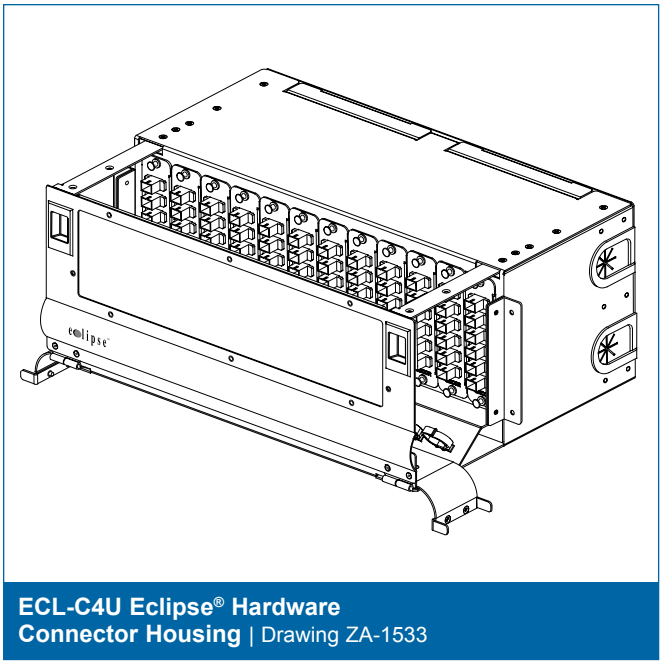
Preconnectorized “Stubbed” Hardware

A Corning®
Solutions Product

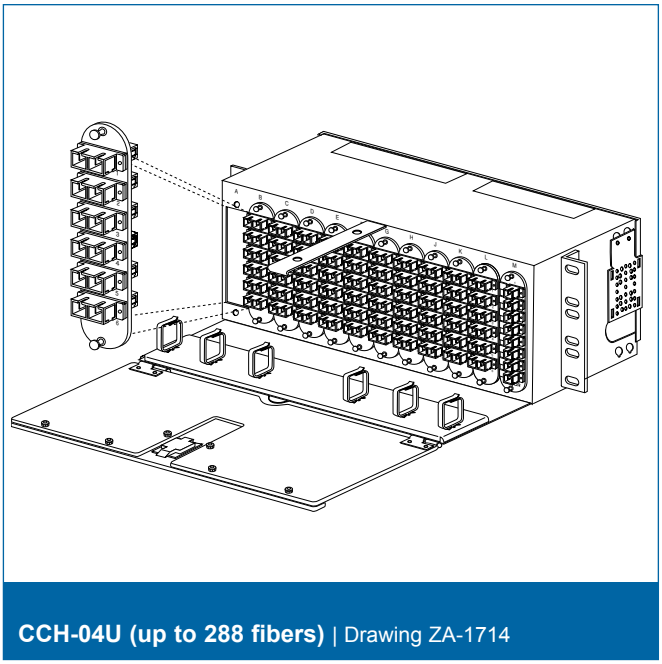
features and benefits |

Reduces the amount of part numbers	Reduces inventory; cost savings
Decreases installation time	Increases revenue
Factory installation	Improved connector performance and quality
Available in any combination of hardware style, cable type, connector type and fiber count	Variety of deployment and installation options

Corning Cable Systems Preconnectorized (“stubbed”) Optical Hardware is equipped with factory-terminated and -tested cable assemblies pre-installed in a variety of hardware products. “Stubbed” hardware is terminated in the factory according to the requirements of the Corning Cable Systems Quality Standards. This ensures connector performance and quality, therefore eliminating the time-consuming and costly process of terminating cables in the field. It also reduces the amount of part numbers needed for installation and minimizes the line items on an order. Available in various combinations of hardware style and cable and connector type, the housings come partially or fully loaded.



ECL-C4U Eclipse® Hardware Connector Housing | Drawing ZA-1533



CCH-04U (up to 288 fibers) | Drawing ZA-1714

Note: One “U” = One industry-standard rack space of 1.75 in.

CORNING

Preconnectorized “Stubbed” Hardware

A Corning® Solutions Product

housing options |

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel Type (See Table C)	Locking Availability	Notes
ACH™ Unit - Angled Connector Housing						
ACH	ACH-CMH-072	8 x 20.5 x 12	12	ACH		23-in frame only
HPH	ACH-HMH-072	8 x 20.5 x 12	12	HCP		23-in frame only
ACP	ACH Unit Panel			N/A		Requires ACH Unit housing
HCP	HMH Panel			N/A		Requires HMH housing
ADB - Angled Distribution Bay						
ADB	ADB-APH-072	8 x 17 x 11	12	ADB		19- or 23-in frame
CCH - Closet Connector Housing						
CC1	CLSSC-01U	1.75 x 17 x 12	2	CCH	Front	19- or 23-in frame
CC2	CLSSC-02U	3.5 x 17 x 12	4	CCH	Front	19- or 23-in frame
CC3	CLSSC-03U	5.25 x 17 x 12	6	CCH	Front	19- or 23-in frame
CC4	CLSSC-04U	7 x 17 x 12	12	CCH	Front	19- or 23-in frame
Eclipse® Hardware						
ECL	ECL-C4U	7 x 17.3 x 12	12	ECL	Front	19- or 23-in frame
EW2	ECL-W2P	6.7 x 12.5 x 4.25	2	ECL	Dual door	Wall-mountable
EW6	ECL-W6P	20.75 x 12.5 x 4.25	6	ECL	Dual door	Wall-mountable
EP4	Connector Panel	N/A			Requires ECL housing	
EMF - Enhanced Management Frame						
Refer to EVO-278-EN for ordering information.						
Fiber Building Terminal						
FBT	FBT-048	11 x 17 x 6.12	8	LDC	Single (provider and subscriber)	Wall-mountable, locking version available
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	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	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	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	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

CORNING

housing options | (continued)

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel Type (See Table C)	Locking Availability	Notes
HDF - High-Density Frame						
HD1	HDF single shelf	1.75 x 21.25 x 12	24	HDF		23-in frame only, left-cable entry only
HD2	HDF double shelf	3.5 x 21.25 x 12	48	HDF		23-in frame only, left-cable entry only
HD3	HDF triple shelf	5 x 21.25 x 12	72	HDF		23-in frame only, left-cable entry only
HD4	HDF four shelf	7 x 21.25 x 12	96	HDF		23-in frame only, left-cable entry only
HD5	HDF five shelf	8.75 x 21.25 x 12	120	HDF		23-in frame only, left-cable entry only
HD6	HDF six shelf	10.5 x 21.25 x 12	144	HDF		23-in frame only, left-cable entry only
HD7	HDF seven shelf	12.25 x 21.25 x 12	168	HDF		23-in frame only, left-cable entry only
HD8	HDF eight shelf	14 x 21.25 x 12	192	HDF		23-in frame only, left-cable entry only
HD9	HDF nine shelf	15.75 x 21.25 x 12	216	HDF		23-in frame only, left-cable entry only
LDC - Lightguide Distribution Center						
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, LHX		19- or 23-in frame, LDS and LHX combo unit
LXS	LXS-CMH-216	16 x 17 x 11	6 and 12	LDS, LHS		19- or 23-in frame, LDS and LHS 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		19- or 23-in frame, splice and termination combo unit, 144-fiber
LD2	LDC-002	14 x 17 x 11	12	LDC		19- or 23-in frame, splice and termination combo unit, 72-fiber
LD5	LDC-005	5 x 17 x 11	4	LDC		19- or 23-in frame, splice and termination combo unit, 24-fiber
LDP	LDC Panel		N/A			Requires LDC housing
LDM	LDC Module		N/A			Requires LDC housing

Preconnectorized “Stubbed” Hardware

A Corning® Solutions Product

housing options | (continued)

Prefix for Space 1	Housing	Housing Dimensions (H x W x D) in	Maximum Number of Panels per Housing	Panel Type (See Table C)	Locking Availability	Notes
PCH - Pretium® Connector Housing						
PR1	PCH-01U	1.75 x 17 x 16	2	CCH		19-in standard, 23-in sold separately
PR2	PCH-02U	3.5 x 17 x 16.5	4	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
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
RS2	RCS-CSH-012	1.75 x 17 x 11	2	FDC-CP1P-123C		19- or 23-in frame, high-density, SC only
RS4	RCS-CSH-024	3.5 x 17 x 11	4	FDC-CP1P-123C		19- or 23-in frame, high-density, SC only
						high-density, SC only
Single-Panel Housing						
SPH	SPH-01P	6.3 x 5.5 x 2	1	CCH		Wall-mountable
Wall-Building Terminal						
WBT	WBT-012	7 x 15.5 x 4	2	LDC	Provider door	Wall-mountable, uses standard LDC panels
WB4	WBT-024	7 x 15.5 x 4	2	LHC	Provider door	Wall-mountable, uses LHC panels, SC only, 24-fiber
Wall-Mountable Connector Housing						
WH2	WCH-02P	9.25 x 13.25 x 3.25	2	CCH	Provider door	Wall-mountable
WH4	WCH-04P	13.5 x 16.1 x 4.1	4	CCH	Provider door	Wall-mountable
WH6	WHC-06P	13.5 x 16.1 x 5.1	6	CCH	Provider door	Wall-mountable
WHC	WCH-12P	13.5 x 22.5 x 5.1	12	CCH	Provider door	Wall-mountable

CORNING

Preconnectorized “Stubbed” Hardware

A Corning® Solutions Product

adapter/connector code options |

Adapter Code	Fiber Type	Alignment	Housing	Fibers/ Adapter	6	8	12	16	24
LC Duplex									
A8	Multimode 62.5 µm	Ceramic	Composite	2	X	X	X	X	X
E4	LOMMF*	Ceramic	Composite	2	X	X	X	X	X
A9	UPC, single-mode	Ceramic	Composite	2	X	X	X	X	X
B3	APC, duplex	Ceramic	Composite	2	X	X	X	X	X
A7	UPC, duplex	Metal	Composite	2	X	X	X	X	X
SC Duplex									
D9	APC, single-mode	Ceramic	Composite	2		X	X		
E7	LOMMF*	Ceramic	Composite	2	X	X	X		
59	UPC, single-mode	Ceramic	Composite	2	X	X	X		
57	SC, duplex, 62.5 µm	Metal	Composite	1	X	X	X		
SC									
E6	LOMMF*	Ceramic	Composite	1	X	X	X		
3C	UPC, single-mode	Ceramic	Composite	1	X	X	X		
6C	APC, single-mode	Ceramic	Composite	1	X	X	X		
39	UPC, 62.5 µm	Metal	Composite	1	X	X	X		
ST® Compatible Connector									
5T	62.5 µm	Ceramic	Metal	1	X	X	X		
6T	UPC, single-mode	Ceramic	Metal	1	X	X	X		
19*	UPC, single-mode	Ceramic	Metal	1	X	X	X		
25*	UPC, 62.5 µm	Metal	Metal	1	X	X	X		
FC									
11	UPC, single-mode	Metal	Metal	1	X	X	X		
21	APC, single-mode	Metal	Metal	1	X	X	X		

**FDC® Unit and HDF only.*

CORNING

Preconnectorized “Stubbed” Hardware

A Corning®
Solutions Product

ordering information | Contact Customer Service at 800-743-2671 for options.

☐☐☐ ☐☐ ☐☐ ☐☐ ☐☐ ☐ ☐☐ ☐☐ ☐ ☐
|1 |2 |3 |4 |5 |6 |7 |8 |9 |10

|1

Select housing type. (see Housing Options table).

|2

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

|3

Select cable length in meters (1 m = 3.281 ft) (0-99 m, enter number; 99+, enter alphanumeric code from Table A).

|4

Select number of fibers required per panel based on connector type (See Table C).

Examples
06 = 6 fibers
12 = 12 fibers

|5

Select adapter code. (see Adapter/Connector Code Options table).

|6

Select fiber type.
R = Single mode (OS2)
K = Multimode, 62.5/125 µm (OM1)
T = Multimode, 50/125 µm (OM3)
S = Multimode, 50/50 µm, laser optimized (OM4)

|7

Select cable type (Refer to Table B for a list of commonly stocked cables).

900 µm Buffered Fiber Cables (6-144 fibers)
81 = MIC® Riser Cable with TBII® Buffered Fiber
88 = MIC Plenum Cable with TBII Buffered Fiber

250 µm Coated Fiber Loose Tube Cables (2-12 fibers)
W4 = ALTOS® All-Dielectric Outside Plant Cable

250 µm Coated Fiber Loose Tube Cables (2-288 fibers)
W4 = ALTOS All-Dielectric Outside Plant Cable
W5 = ALTOS Single-Armored Outside Plant Cable
W6 = ALTOS Double-Armored Outside Plant Cable
W7 = ALTOS Riser Cable
WF = FREEDM® Indoor/Outdoor Cable

Single-Tube Ribbon Fiber Cables (12-216 fibers)
C4 = SST-Ribbon™ Dielectric Outdoor Cable
C5 = SST-Ribbon Single-Armored Outdoor Cable
C6 = SST-Ribbon Double-Armored Outdoor Cable
C7 = Ribbon riser indoor cable
C8 = Ribbon plenum indoor cable
CF = FREEDM Ribbon Riser Indoor/Outdoor Cable

Stranded Loose Tube Ribbon Fiber Cables (288-432 fibers)
Q7 = ALTOS Ribbon Riser Indoor Cable
QF = FREEDM Loose Tube Ribbon Indoor/Outdoor Cable

Stranded Loose Tube Ribbon Fiber Cables (288-864 fibers)
Q4 = ALTOS Dielectric Ribbon Outdoor Cable
Q5 = ALTOS Single-Armored Ribbon Outdoor Cable

See Note 1.

|8

Select special configuration.
00 = Standard product
Dual-end connectorization = Enter appropriate adapter/ connector code from Option 5 if you require the unstubbed (non-housing) end of the cable to also be connectorized.
LK = Lockable (where available)

See Note 2.

|9

Select number of cables.
1 = 1 cable
2 = 2 cables with full fiber count from Option 2 divided evenly

|10

Select cable entry direction.
A = Bottom-left (default for wall-mount)
B = Top-right (default for rack-mount)
C = Top-left
D = Bottom-right

See Notes 3, 4.

Notes:
1) Please verify specific cable fiber-count availability with a Corning Cable Systems Customer Service Representative.

2) 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: HDWR-LOCK-KIT.

3) Referenced when viewing housing from the front.

4) HDF products are limited to a left-side cable entry only.

CORNING

ordering information | (continued)

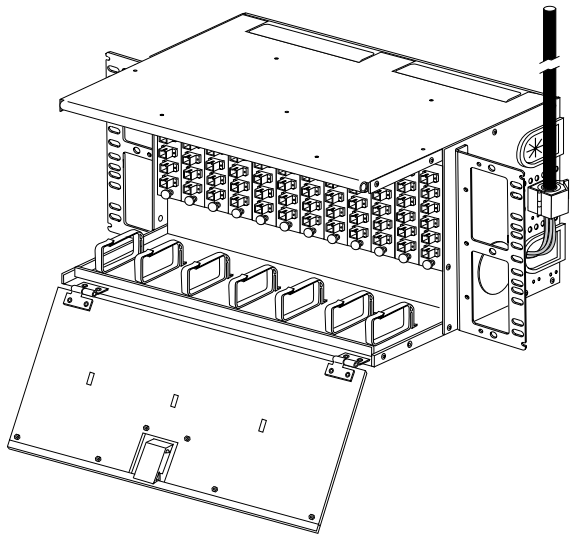
Table A: Codes for Fiber Counts and Cable Stub Lengths over 99

A _	=	10_	X _	=	31_
B _	=	11_	Y _	=	32_
C _	=	12_	Z _	=	33_
D _	=	13_	AA	=	340
E _	=	14_	AB	=	350
F _	=	15_	AC	=	360
G _	=	16_	AD	=	370
H _	=	17_	AE	=	380
J _	=	18_	AF	=	390
K _	=	19_	AG	=	400
L _	=	20_	AH	=	410
M _	=	21_	AJ	=	420
N _	=	22_	AK	=	430
P _	=	23_	AL	=	440
Q _	=	24_	AM	=	450
R _	=	25_	AN	=	460
S _	=	26_	AP	=	470
T _	=	27_	AQ	=	480
U _	=	28_	AR	=	490
V _	=	29_	AS	=	500
W _	=	30_			

Examples:

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

Notes:
1) “I” and “O” are not used.
2) Lengths from 100 to 339, use single letter plus number (1 to 9).
3) Lengths over 339 m can be ordered only in 10 m increments. Use double letters.



Top/Right Cable Entry Direction
| Drawing ZA-1646

Table B: Commonly Stocked Cables

Cable availability varies with each order. However, the following cables are commonly stocked by our factory.

Cable Code	Cable Description	Mode	Fiber Count 12	24	48	72	144
81	MIC® Riser	Single-mode		X			
85	MIC Riser, OptiStrip™*	Single-mode	X	X			
W4	ALTOS® All-Dielectric	Single-mode	X				
W7	ALTOS Riser	Single-mode				X	X
WF	FREEDM® Indoor/Outdoor	Single-mode	X	X	X		X
C4	SST-Ribbon™	Single-mode	X	X			X
C7	Ribbon Riser	Single-mode	X	X		X	X
CF	FREEDM Ribbon Riser	Single-mode	X	X		X	X

** Individual fibers are not color-coded*

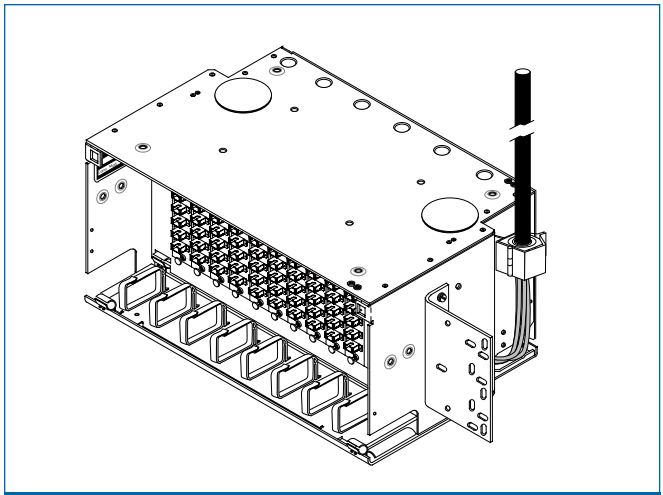
CORNING

ordering information | (continued)

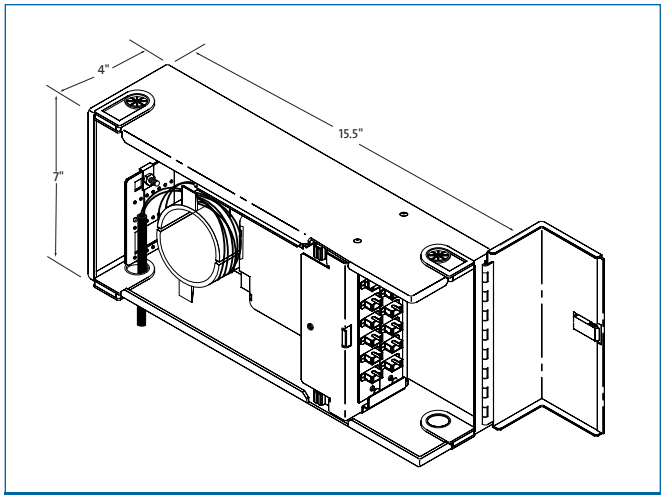
Part Number Example

LDC	72	31	06	3C	-	C7	00	1	B
|1	|2	|3	|4	|5	|6	|7	|8	|9	|10

1 = LDC Unit, 7-in LDC-CMH-072 housing
2 = 72, total fiber count is 72 fibers
3 = 31, 31 m or 100 ft of cable
4 = 06, use 6-fiber panels
5 = 3C, terminate with SC UPC connectors
6 = -, single-mode fiber
7 = C7, ribbon riser cable (indoor rated)
8 = 00, terminate other cable end with FC connectors
9 = 1, stubbed with one cable
10 = B, top-right cable entry



Lightguide Distribution Center (LDC) | Drawing ZA-2049



Wall-Mountable Building Terminal | Drawing ZA-527

ordering information | (continued)

Table C: Fiber Capacities Based on Panel and Connector Type and Maximum Fiber Count Per Panel

Panel Type	SC Simplex		SC Duplex		FC		ST® Compatible		MT-RJ		LC Duplex	
	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity
ACH™												
ACH	12	144	N/A	N/A	6	72	6	72	N/A	N/A	24	288
HPH	12	144	24	288	6	72	6	72	N/A	N/A	N/A	N/A
ADB												
ADB	8	96	—	—	—	—	—	—	12	144	16	288
CCH												
CC1	12	24	12	24	12	24	12	24	24	48	24	48
CC2	12	48	12	48	12	48	12	48	24	96	24	96
CC3	12	72	12	72	12	72	12	72	24	144	24	144
CC4	12	144	12	144	12	144	12	144	24	288	24	288
ECL												
ECL	8	144	12	144	6	—	6	—	N/A	N/A	16	192
EW3	12	36	12	36	—	—	—	—	—	—	12	36
EW6	12	72	12	72	6	36	6	36	N/A	N/A	16	96
EMF	Refer to EVO-278-EN											
FBT												
FBT	6	48	6	48	6	48	6	48	N/A	N/A	12	96
FDC®												
FDC	12	144	12	144	6	72	6	72	N/A	N/A	24	288
FD5	12	48	12	48	6	24	6	24	N/A	N/A	24	96
FD1	12	288	—	—	6	144	6	144	N/A	N/A	12	288
FD2	12	144	12	144	6	72	6	72	N/A	N/A	24	288
FD3	12	48	12	48	6	24	6	24	N/A	N/A	24	96
FDV	12	48	12	48	6	24	6	24	N/A	N/A	24	96
HDF												
HD1	1	24	1	24	1	24	1	24	N/A	N/A	2	48
HD2	1	48	1	48	1	48	1	48	N/A	N/A	2	96
HD3	—	72	—	72	—	72	—	72	N/A	N/A	—	144
HD4	—	96	—	96	—	96	—	96	N/A	N/A	—	192
HD5	—	120	—	120	—	120	—	120	N/A	N/A	—	240
HD6	—	144	—	144	—	144	—	144	N/A	N/A	—	288
HD7	—	168	—	168	—	168	—	168	N/A	N/A	—	336
HD8	—	192	—	192	—	192	—	192	N/A	N/A	—	384
HD9	—	216	—	216	—	216	—	216	N/A	N/A	—	432

ordering information | (continued)

Table C: Fiber Capacities Based on Panel and Connector Type and Maximum Fiber Count Per Panel

Panel Type	SC Simplex		SC Duplex		FC		ST® Compatible		MT-RJ		LC Duplex	
	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity	Maximum Fiber Count	Capacity
LDC												
LDC	6	72	6	72	6	72	6	72	N/A	N/A	16	192
LDT	6	24	6	24	6	24	6	24	N/A	N/A	16	64
LDS	6	72	6	72	6	72	6	72	N/A	N/A	12	144
LHS	12	144	12	144	12	144	12	144	N/A	N/A	24	288
LHR	12	144	12	144	12	144	12	144	N/A	N/A	24	288
LXR	—	216	—	216	—	216	—	216	N/A	N/A	N/A	N/A
LXS	—	216	—	216	—	216	—	216	N/A	N/A	N/A	N/A
LTS	18	216	18	216	18	216	18	216	36	432	36	432
LD1	6	144	N/A	N/A	6	144	6	144	N/A	N/A	6	144
LD2	6	72	N/A	N/A	6	72	6	72	N/A	N/A	6	72
LD5	6	24	N/A	N/A	6	24	6	24	N/A	N/A	6	24
PCH												
PR1	12	24	12	24	12	24	12	24	24	48	24	48
PR2	12	48	12	48	12	48	12	48	24	96	24	96
PR4	12	144	12	144	12	144	12	144	24	288	24	288
RCS												
RC2	12	24	12	24	6	12	6	12	N/A	N/A	N/A	N/A
RC4	12	48	12	48	6	24	6	24	N/A	N/A	N/A	N/A
RS2	12	24	12	24	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
RS4	12	48	12	48	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
WBT												
WBT	6	12	N/A	N/A	6	12	6	12	N/A	N/A	N/A	N/A
WB4	12	24	N/A	N/A	12	24	12	24	N/A	N/A	N/A	N/A
WCH												
WH2	12	24	N/A	N/A	12	24	12	24	24	48	24	48
WH4	12	48	N/A	N/A	12	48	12	48	24	96	24	96
WH6	6	36	12	72	—	—	—	—	—	—	12	72
WHC	12	144	N/A	N/A	12	144	12	144	24	288	24	288
SPH												
SPH	6	6	6	12	12	—	—	—	—	—	12	12

notes |

notes |

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

Corning Cable Systems reserves the right to improve, enhance and modify the features and specifications of Corning Cable Systems products without prior notification. ALTOS, Eclipse, FDC, FREEDM, MIC, Pretium and TBII are registered trademarks of Corning Cable Systems Brands Inc. ACH, OptiStrip and SST-Ribbon are trademarks of Corning Cable Systems Brands Inc. ST is a registered trademark of Lucent Technologies. All other trademarks are the properties of their respective owners. Corning Cable Systems is ISO 9001 certified.
©2007, 2012 Corning Cable Systems. All rights reserved. Published in the USA. EVO-136-EN / March 2012