Wall-Mountable Distribution Center

Features and Benefits

Suspended drop-down door
Provides a work area during connectorization and installation

Interconnection and splicing in the same unit
Space savings/cost-effective

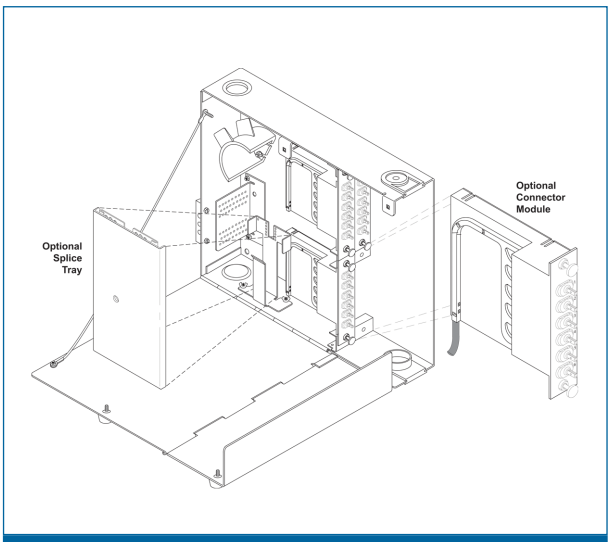
3-in projection from the wall
Space savings

Wide variety of splicing options available
Splice tray holder swings out for easy access

When necessary, cables can be passed through the unit without splicing
Speeds deployment

The Corning wall-mountable distribution center (WDC) is a compact interconnect and splice housing for up to 24 optical fibers. It is ideal for building entrance terminals, wiring closets, computer rooms and other controlled environments where connectorization of the fiber will be accomplished by splicing pigtails.

A hinged door protects the unit, allowing access for the user to reconfigure the connectors or for installation and maintenance of the unit. The WDC can be locked by either ordering the unit with a factory-installed key lock or ordering a field-installable locking kit.
The unit provides minimum bend radius for multimode or single-mode operation up to 1550 nm. Up to 24 fibers may be accommodated using four 6-fiber modules and four reduced-length splice trays. For 12 fibers, two modules and two standard splice trays are housed. The WDC unit accommodates a variety of the industry's most popular connector types and splicing options.



Wall-Mountable Distribution Center
| Drawing ZA-1664

Wall-Mountable Distribution Center

Specification

Part Number	Dimensions (HxWxD)	Shipping Weight
WDC-001	32 cm x 43.5 cm x 7.6 cm (12.7 in x 17.2 in x 3 in)	5.68 kg (12.5 lb)
WDC-001-L	32 cm x 43.5 cm x 7.6 cm (12.7 in x 17.2 in x 3 in)	5.68 kg (12.5 lb)

Splice trays, connector modules and connector panels must be ordered separately.

Step 1: Order the basic unit.

Part Number	Description
WDC-001	Wall-Mountable Distribution Center (WDC), 24 F, 3-in depth, four 6-in FDC® Connector Panels
WDC-001-L	Wall-Mountable Distribution Center (WDC), 24 F, 3-in depth, four 6-in FDC® Connector Panels locking

Step 2: Select quantity and type of splice trays.

The WDC will house a maximum of four reduced length splice trays and four connector modules for multimode or single-mode operation up to 1550 nm.

Part Number	Description
M67-060	Splice Tray, RTV splices, reduced length, 0.2-in, 12 F
M67-061	Aluminum Splice Tray; stores six CamSplice Mechanical Splices, Type 2R
M67-068	Splice Tray, heat-shrink fusion splices, 0.2-in, 6 F

Other Corning splice trays may be used but may reduce the total capacity to 12 fibers or only allow use of connector panels. Consult your Corning representative for additional information.

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Step 3: Order approprate connector panels

Ordering Information

FDC - CP1P - ☐☐ - ☐☐

1 2

6-in FDC unit connector panel with factory-installed adapters

1 Select fiber count.

06 = 6 fibers
12 = 12 fibers
24 = 24 fibers (LC duplex only)

2 Select Adapter/Connector Code.

See Table A.

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Wall-Mountable Distribution Center

Optional Pigtailed Panels or Modules

Ordering Information

☐☐☐ ☐☐ P ☐☐ - ☐☐ - ☐ ☐ ☐ 0 0 0
1 2 3 4 5 6 7

1 Select housing type.
FDM = FDC unit module
FDP = FDC unit panel

2 Select total fiber count.
06 = 6 fibers
12 = 12 fibers
24 = 24 fibers (LC duplex only)

3 Select number of fibers per panel (same as total fiber count).
06 = 6 fibers
12 = 12 fibers
24 = 24 fibers (LC duplex only)

4 Select Adapter/Connector Code.
See Table A.

5 Select pigtail length in meters
3 = 3 m (standard)
A = 10 m*
**Maximum recommended length*

6 Select mode of operation.
R = Single-mode (OS2)
C = 50 µm multimode (OM1)
K = 62.5 µm multimode (OM2)
S = 50 µm multimode (OM3/OM4)

7 Select pigtail type.
H = Jacketed MIC cable subunit, Enhanced OptiStrip buffered fiber
J = Ribbon

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Table A: Adapter Connector Code Options

Adapter Code	Fiber Type	Alignment	Housing	Fiber/ Adapter
LC Duplex				
A8	62.5 µm multimode (OM1)	Ceramic	Composite	2
D3	50 µm multimode (OM2)	Ceramic	Composite	2
E4	50 µm multimode (OM3/4)	Ceramic	Composite	2
A9	Single-mode UPC (OS2)	Ceramic	Composite	2
B3	Single-mode APC (OS2)	Ceramic	Composite	2
SC Duplex				
91	62.5 µm multimode (OM1)	Metal	Composite	2
G7	50 µm multimode (OM2)	Ceramic	Composite	2
E7	50 µm multimode (OM3/4)	Ceramic	Composite	2
59	Single-mode UPC (OS2)	Ceramic	Composite	2
D9	Single-mode APC (OS2)	Ceramic	Composite	2
SC				
56	62.5 µm multimode (OM1)	Metal	Composite	1
G6	50 µm multimode (OM2)	Ceramic	Composite	1
E6	50 µm multimode (OM3/4)	Ceramic	Composite	1
3C	Single-mode UPC (OS2)	Ceramic	Composite	1
6C	Single-mode APC (OS2)	Ceramic	Composite	1
ST® compatible				
G5	50 µm multimode (OM2)	Ceramic	Metal	1
H3	50 µm multimode (OM3/4)	Ceramic	Metal	1
15	62.5 um multimode (OM1)	Ceramic	Composite	1
19	Single-mode UPC (OS2)	Ceramic	Composite	1
FC				
11	Single-mode, UPC (OS2)	Metal	Metal	1

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Wall-Mountable Distribution Center Accessories

Part Number	Product Description	Units per Delivery	
HDWR-LOCK-KIT	Lock Kit for front door of housing; contains one lock with two keys	1/1	
FD5-WALLBKT	Wall-Mounting Kit; 5.25-in-tall housings	1/1	

* Note: WDC is also available as a fully loaded pigtailed or stubbed housing. Please contact your Corning Customer Representative for details.

RoHS COMPLIANT

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