

Wall-Mountable Distribution Center WDC-001

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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

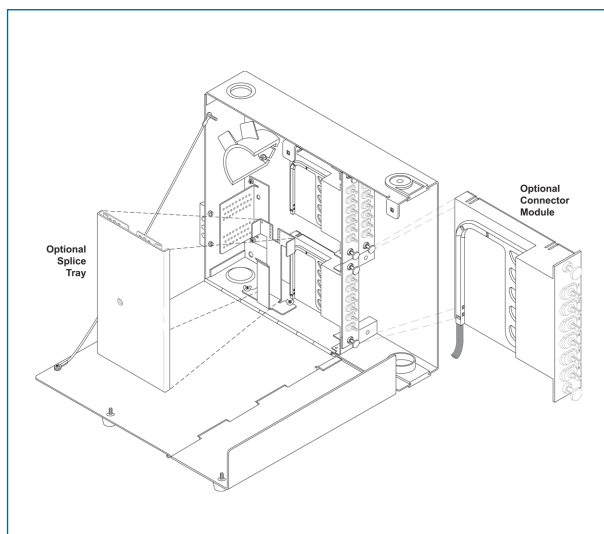
When necessary, cables can be passed through the unit without splicing

Speeds deployment

The Corning Cable Systems 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. Twenty-four 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

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Ordering Information

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.

Ordering Information

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.

Ordering Information

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

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

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Step 3: Order connector modules if not using panels.

Each module will house a maximum of six connectors.
The connector modules will include pigtails and connector sleeve.
Each connector module weighs approximately 2 kg (1 lb).

Ordering Information

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- 1
- Select number of connectors per module.
4 = 4 per module
5 = 5 per module
6 = 6x per module
S = Non-standard module

- 2
- Select adapter code (see Adapter Code Options table).

- 3
- Select fiber core size.
Multimode
050 = 50 μm
063 = 62.5 μm
Single-mode
Leave blank

1) Must select A, B, M or S keying option.

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Step 4: Order the appropriate connector panel (if not using modules).

A. Order connector panels with factory-installed adapters.

Adapter Code	Fiber Type	Alignment	Housing	Fiber/Adapter
LC Duplex				
A7	62.5 µm multimode (OM1)	Metal	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
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
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 Connector				
G5	50 µm multimode (OM2)	Ceramic	Metal	1
H3	50 µm multimode (OM3/4)	Ceramic	Metal	1
FC				
11	Single-mode, UPC (OS2)	Metal	Metal	1
21	Single-mode, APC (OS2)	Metal	Metal	1

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Ordering Information

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1 Select connector panels with factory-installed adapters.

- 11 = Connector panel with six FC, single-mode/multimode adapters
- 15 = Connector panel with six ST Compatible, multimode, ceramic insert, composite housing adapters
- 19 = Connector panel with six ST Compatible, single-mode, ceramic insert, composite housing adapters
- 25 = Connector panel with six ST Compatible, multimode, composite insert, composite housing adapters
- 38 = Connector panel with six SC simplex, single-mode, ceramic insert, composite housing adapters
- 39 = Connector panel with six SC simplex, multimode, ceramic insert, composite housing adapters
- 56 = Connector panel with six SCsimplex, multimode, composite insert, composite housing adapters
- 57 = Connector panel with three SC duplex (568SC), multimode, metal insert, composite housing adapters
- 59 = Connector panel with three SC duplex (568sc), single-mode, ceramic insert, composite housing adapters
- 65 = Connector panel with six SC APC simplex, single-mode, metal insert, composite housing adapters
- 91 = Connector panel with three SC duplex (568SC), multimode, composite insert, composite housing adapters



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