

# Wall-Mountable Distribution Center WDC-001

An Evolant®  
Solutions Product

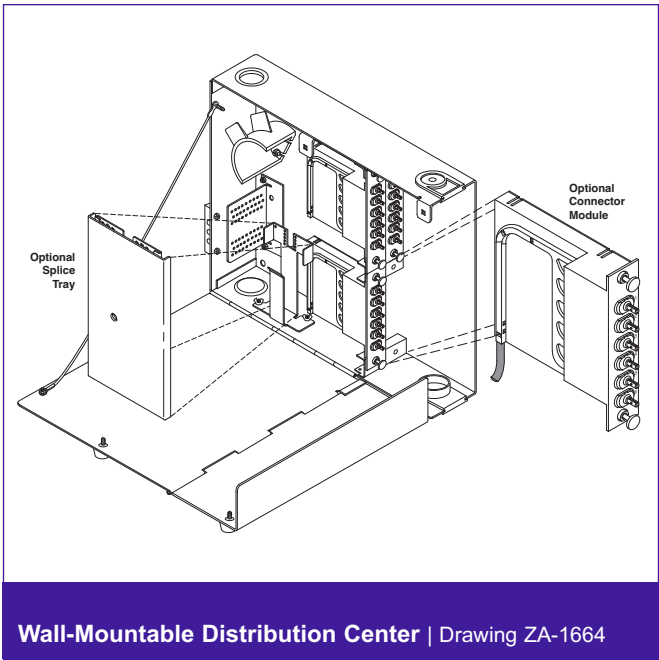
## features and benefits |

<b>Suspended drop down door</b>	Provides a work area during connectorization and installation
<b>Interconnection and splicing in the same unit</b>	Space savings/ cost effective
<b>3-in projection from the wall</b>	Space savings
<b>Wide variety of splicing options available</b>	Splice tray holder swings out for easy access
<b>When necessary, cables can be passed through the unit without splicing</b>	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 twelve 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.



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## specifications |

	Dimensions (H x W x D) cm (in)	Weight kg (lb)
<b>WDC-001</b>	32 x 43.5 x 7.6 (12.7 x 17.2 x 3)	5.68 (12.5)
<b>WDC-001-L</b>	32 x 43.5 x 7.6 (12.7 x 17.2 x 3)	5.68 (12.5)

## ordering information |

Part Number	Description
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### Step 1: Order the basic unit.

<b>WDC-001</b>	Wall-Mountable Distribution Center
<b>WDC-001-L</b>	Locking, Wall-Mountable Distribution Center

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

Part Number	Description
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### Step 2: Select quantity and type of splice trays.

The WDC will house a maximum of 4 reduced length splice trays and 4 connector modules for multimode or single-mode operation up to 1550 nm.

<b>M67-060</b>	Single-mode/multimode tray for 12 fusion splices (reduced length)
<b>M67-061</b>	Single-mode/multimode tray for 6 mechanical splices (reduced length)
<b>M67-068</b>	Single-mode/multimode tray for 6 heat-shrink fusion splices (reduced length)

*Note: 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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## ordering information | (continued)

### Step 3: Order connector modules if not using panels

Each module will house a maximum of 6 connectors. The connector modules will include pigtails and connector sleeve. Each connector module weighs approximately 2 kg (1 lb).

FDC - CP1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	-	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1	2			3		

**|1**  
Select number of connectors per module.  
4 = 4 per module  
5 = 5 per module  
6 = 6 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

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

## adapter code options |

Adapter Code	Fiber Type	Alignment	Housing	Fiber/Adapter
<b>LC Duplex</b>				
A7	62.5 µm multimode	Metal	Composite	2
D3	50 µm multimode	Ceramic	Composite	2
E4	50 µm LOMMF*	Ceramic	Composite	2
A9	Single-mode, UPC	Ceramic	Composite	2
<b>SC Duplex</b>				
91	62.5 µm multimode	Metal	Composite	2
G7	50 µm multimode	Ceramic	Composite	2
E7	50 µm LOMMF*	Ceramic	Composite	2
59	Single-mode, UPC	Ceramic	Composite	2
<b>SC</b>				
56	62.5 µm multimode	Metal	Composite	1
G6	50 µm multimode	Ceramic	Composite	1
E6	50 µm LOMMF*	Ceramic	Composite	1
3C	Single-mode, UPC	Ceramic	Composite	1
6C	Single-mode, APC	Ceramic	Composite	1
<b>ST® Compatible Connector</b>				
G5	50 µm multimode	Ceramic	Metal	1
H3	50 µm LOMMF*	Ceramic	Metal	1
<b>FC</b>				
11	Single-mode, UPC	Metal	Metal	1
21	Single-mode, APC	Metal	Metal	1

\*LOMMF = Laser-optimized multimode fiber.

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## ordering information | (continued)

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

#### A. Order connector panels with factory-installed adapters.

FDC - CP1P - ☐ ☐  
|1

|1

Select connector panels with factory-installed adapters.

- 11 = Connector panel with 6 FC, single-mode/multimode adapters installed
- 15 = Connector panel with 6 ST® compatible, multimode, ceramic insert, composite housing adapters installed
- 19 = Connector panel with 6 ST compatible, single-mode, ceramic insert, composite housing adapters installed
- 25 = Connector panel with 6 ST compatible, multimode, composite insert, composite housing adapters installed
- 38 = Connector panel with 6 simplex SC, single-mode, ceramic insert, composite housing adapters installed
- 39 = Connector panel with 6 simplex SC, multimode, ceramic insert, composite housing adapters installed
- 56 = Connector panel with 6 simplex SC, multimode, composite insert, composite housing adapters installed
- 57 = Connector panel with 3 duplex SC (568SC), multimode, metal insert, composite housing adapters installed
- 59 = Connector panel with 3 duplex SC (568SC), single-mode, ceramic insert, composite housing adapters installed
- 65 = Connector panel with 6 Simplex APC SC, single-mode, metal insert, composite housing adapters installed
- 91 = Connector panel with 3 Duplex SC (568SC), multimode, composite insert, composite housing adapters installed

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