

Environmental Distribution Center (EDC)

A LANscape® Solutions Product

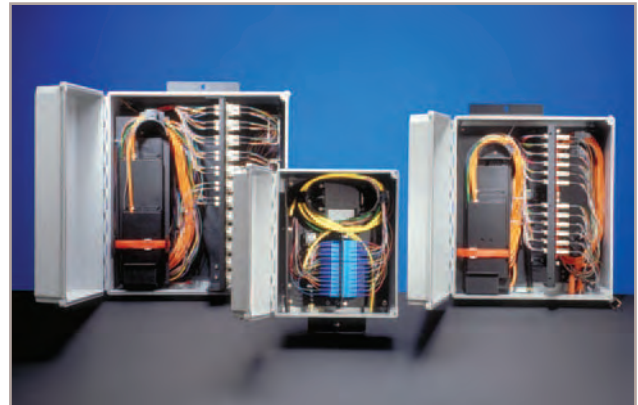
Applications

- Outdoor rated
- Backbone cabling terminations in outdoor applications such as industrial, security or traffic control
- NEMA 4X rating / IP66
- Field connectorization or pigtail splicing

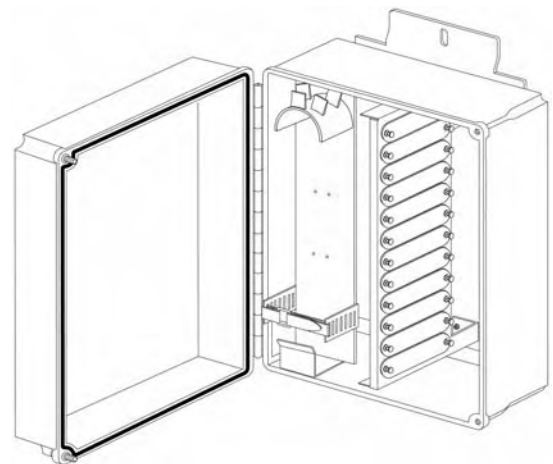
Description

The Corning Cable Systems Environmental Distribution Center (EDC) product family incorporates design features that allow the product to accommodate the changing requirements and growing needs of fiber optic networks. The EDC product family sets the standard for the future of interconnect hardware. As a component of Corning Cable Systems LANscape® Fiber Cabling Solutions, the EDC accepts Closet Connector Housing (CCH) panels and splice trays.

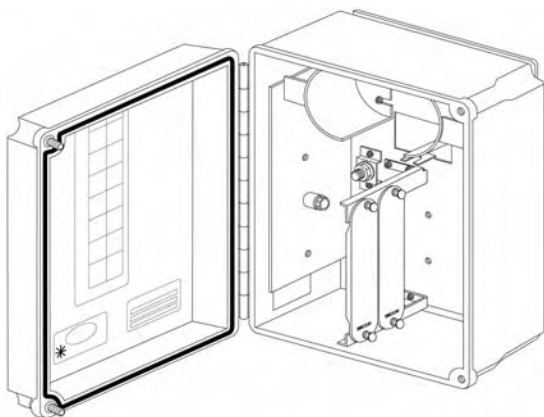
Designed for the storage and protection of fiber optic connections and splices in indoor or outdoor environments, the EDC is ideal for industrial, marine, security or traffic control applications. The unit includes brackets for mounting to a wall or pole. Accessories for the EDC include various fittings, a rack-mount kit and a grounding kit.



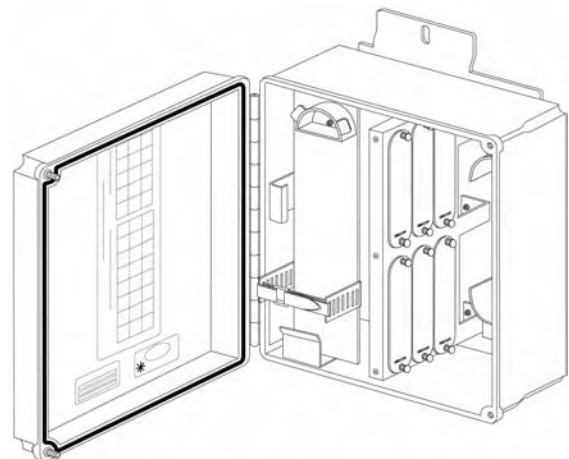
Environmental Distribution Center



EDC-12P-NH



EDC-02P-NH



EDC-06P-NH

Environmental Distribution Center (EDC)

A LANscape® Solutions Product

Features / Benefits

- Composite construction offers outstanding chemical and temperature resistance as well as exhibiting excellent weatherability
- Constructed of a Low Smoke Zero-Halogen™ (LSZH) material
- Unit is easy to punch, drill, file or saw – simplifying the installation of cable entry holes
- Cover can be secured with corrosion-resistant, captive screws or quick-release latches that will also accept a user-supplied padlock, if additional security is required
- Accepts LANscape® Solutions CCHE panels (available in 6-, 8-, 12-, 16- or 24-fiber increments) for most popular adapter types including SC duplex, LC duplex and MT-RJ
- Brackets for wall or pole mounting are included
- Accept splice trays that accommodate a variety of splicing techniques including fusion and mechanical splices – for splicing or fan-out applications
- Suitable for loose tube, tight-buffered and ribbon cable
- NEMA 4X rated / IP66

Specifications

Order Number	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)	Quantity per Delivery Unit
EDC-02P-NH	318 x 267 x 159 (12.5 x 10.5 x 6.25)	4.53 (10)	1/1
EDC-06P-NH	419 x 368 x 211 (16.5 x 14.5 x 8.3)	9.06 (20)	1/1
EDC-12P-NH	472 x 422 x 262 (18.6 x 16.6 x 10.3)	12.68 (28)	1/1

Ordering Information

Order Number	Description	Quantity per Delivery Unit
EDC-02P-NH	Environmental Distribution Center that will accept two CCHE panels and one-length splice trays; no cable entry holes provided	1/1
EDC-06P-NH	Environmental Distribution Center that will accept six CCHE panels and three splice trays; no cable entry holes provided	1/1
EDC-12P-NH	Environmental Distribution Center that will accept 12 CCHE panels and six splice trays; no cable entry holes provided	1/1

Accessories

HDWR-GRND-KIT	Hardware Grounding Kit; includes two ground wires, one sheath ground clip and one ground bus	1/1
BKT-ALL-R23-03	Universal Rack-Mount Kit for mounting to 19 in (48 cm) or 23 in (58 cm) equipment racks	1/1

Connector Panels and Splice Trays

Must be ordered separately. For panels, please refer to pages 120. For splice trays, please refer to pages 160.

Introduction

LANscape®
Solutions

Plug & Play™
Universal
Systems

Fiber Optic
Cables

Fiber
Termination

Cable
Assemblies

Hardware

Closures

Cable Assembly
Houses

Cable
Management

Other Product
Families

Further
Information

Closet Connector Housing Panels (CCHE-CP)

A LANscape® Solutions Product

Applications

- The panels are used with field-installable connectors or in applications where the preconnectorized cables are routed directly from the equipment to the piece of interconnect hardware
- Provides an efficient way to securely mate two or more connectors

Description

Closet Connector Housing Panels are offered in 6-, 8-, 12-, 16- and 24-fiber panels for use with the LANscape® Solutions hardware products.

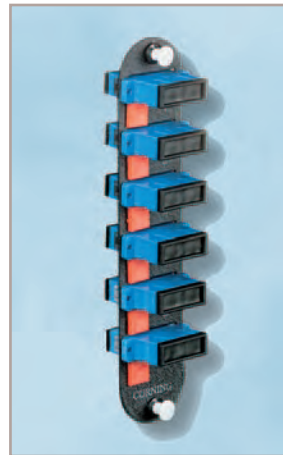
The panels are available with a variety of industry-standard adapter types. In most applications, the Closet Connector Housing Panels are designed for applications where specified labeling and connector identification are required. This is accomplished by the use of colored icons with different symbols molded into the icon.

Features / Benefits

- Designed to accommodate all industry-standard adapter types
- Unique color-coded connector labeling system
- Universal approach is used; one panel size fits in all standard LANscape Solutions hardware
- Available in 6-, 8- and 12-fiber count options in most adapter styles; 16- and 24-fiber count options available in MT-RJ and LC duplex styles
- Also available for copper modules



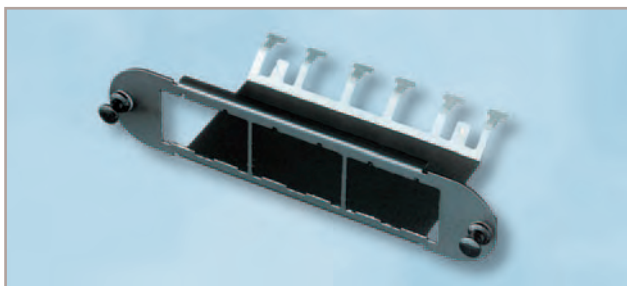
12-Fiber ST® Compatible Connector Panel



12-Fiber SC Duplex Panel



24-Fiber MT-RJ Connector Panel



CCHE Empty Panel
for up to 6 LANscape modules (Copper and Fiber Optic)

Closet Connector Housing Panels (CCHE-CP)

A LANscape® Solutions Product

Ordering Information

Closet Connector Housing Panels

CCHE - CP 

Use the following options to construct the order number:

1 Select fiber count.

- 06 = 6 fibers
- 08 = 8 fibers
- 12 = 12 fibers
- 16 = 16 fibers (*)
- 24 = 24 fibers (*)
- 36 = 36 fibers (**)
- 72 = 72 fibers (**)

* = only LC Duplex, MT-RJ and SC Duplex adapters

** = only MTP adapters

2 Select adapters.

ST® Compatible

- 15 = ST compatible multimode, ceramic insert, 62.5µm and 50µm (OM1 & OM2)
- 19 = ST compatible single-mode ceramic insert (OS1)
- 25 = ST multimode, threaded, composite housing, composite insert (OM1)
- E5 = ST multimode, ceramic insert, 50µm (OM3)

FC

- 11 = FC single-mode, ceramic insert
- 21 = FC single-mode, metal insert

LC Duplex

- 04 = LC Duplex single-mode, ceramic insert (OS1)
- 05 = LC Duplex multimode, ceramic insert, 62.5µm (OM1)
- D3 = LC Duplex multimode, ceramic insert, 50µm (OM2)
- E4 = LC Duplex multimode, ceramic insert, 50µm (OM3)

SC Duplex

- 57 = SC Duplex, multimode, composite housing, ceramic insert, 62.5µm
- 72 = SC Duplex single-mode, ceramic insert (OS1)
- 91 = SC Duplex, multimode, composite insert, 62.5µm (OM1)
- E7 = SC Duplex multimode, ceramic insert, 50µm (OM3)
- G7 = SC Duplex multimode, ceramic insert, 50µm (OM2)
- P5 = SC Duplex, multimode, composite housing, metal insert, 50µm

SC Simplex

- 39 = SC Simplex, multimode, metal insert, 62.5µm (OM1)
- 56 = SC Simplex, multimode, composite insert, 62.5µm (OM1)
- 5C = SC Simplex, single-mode, ceramic insert (OS1)
- 6C = SC Simplex, angle polish single-mode, ceramic insert
- E6 = SC Simplex, multimode, ceramic insert, 50µm (OM3)
- P4 = SC Simplex, multimode, ceramic insert, 50µm (OM2)

MT-RJ

- 86 = MT-RJ multimode, composite housing 62.5µm (OM1)
- 87 = MT-RJ single-mode, composite housing (OS1)
- E1 = MT-RJ multimode, composite housing 50µm (OM3)
- G1 = MT-RJ multimode, composite housing 50µm (OM2)

E2000™

- P1 = E2000 APC, single-mode, composite housing, ceramic insert
- P2 = E2000 UPC, single-mode, composite housing, ceramic insert
- P3 = E2000 APC, multimode, 62.5µm and 50µm, composite housing

MTP

- 69 = MTP, multimode, composite housing, 62.5µm (OM1)
- 89 = MTP, single-mode, composite housing (OS1)
- E3 = MTP, multimode, composite housing, 50µm (OM3)

Examples

Order Number	Description
CCHE-CP24-E4	Closet Connector Housing Panel with 12 LC-Duplex adapters 50µm (OM3), ceramic insert, aqua adapter
CCHE-CP72-89	Closet Connector Housing Panel with 6 MTP adapters 9µm (OS1), black adapter

Closet Connector Housing Panels (CCHE-CP)

A LANscape® Solutions Product

Ordering Information

Closet Connector Panels for Modular Terminations (Copper and Fiber Optic)

Order Number	Description
CCHE-CP00-LS	CCHE empty panel for up to 6 LANscape® single-port modules or three dual-port modules (Category 5,6,7 copper or fiber optic modules), incl. integral cable strain relief

Pigtailed Closet Connector Panels

CCHE - CP - - P03

1 2 3

Use the following options to construct the order number:

1 Select fiber count.

- 06 = 6 fibers
- 08 = 8 fibers
- 12 = 12 fibers (only for SC duplex, LC duplex and MT-RJ)
- 16 = 16 fibers
- 24 = 24 fibers

2 Select adapters.

ST® Compatible

- 50 = ST compatible, ceramic insert, multimode, composite housing
- 61 = ST compatible/UPC, ceramic insert, single-mode

FC

- 17 = FC, metal insert, multimode
- 21 = FC APC, metal insert, single-mode, metal housing
- 54 = FC UPC, metal insert, single-mode

SC Simplex

- 56 = SC Simplex, composite insert, multimode
- 5C = SC Simplex/UPC, ceramic insert, single-mode
- 6C = SC Simplex/APC, ceramic insert, single-mode

SC Duplex

- 72 = SC Duplex/UPC, single-mode, ceramic insert
- 91 = SC Duplex, composite insert, multimode, plastic housing

LC Duplex

- 04 = LC Duplex, ceramic insert, single-mode
- 05 = LC Duplex, ceramic insert, multimode

MT-RJ

- 86 = MT-RJ multimode
- 87 = MT-RJ single-mode

3 Select fiber type.

MIC® Subunit Cable

- (Standard Fiber Cable Option)
- CH = Standard multimode (50/125 µm) OM2
- SH = Laser-optimized multimode (50/125 µm) OM3
- KH = Multimode (62.5/125 µm) OM1
- RH = Single-mode OS1

Ribbon Fiber

- CJ = Standard multimode (50/125 µm) OM2
- SJ = Laser-optimized multimode (50/125 µm) OM3
- KJ = Multimode (62.5/125 µm) OM1
- RJ = Single-mode OS1

OptiStrip™ Buffered Fiber

- KN = Multimode (62.5/125 µm) OM1
- RN = Single-mode OS1

Examples

Order Number	Description
CCHE-CP24-50-P03-CH	Pigtailed Closet Connector Housing Panel, standard multimode OM2 pigtails, with ST adapters, ceramic insert, composite housing
CCHE-CP36-17-P03-SH	Pigtailed Closet Connector Housing Panel, laser-optimized OM3 pigtails, with FC adapters, metal insert