Environmental Distribution Center (EDC)

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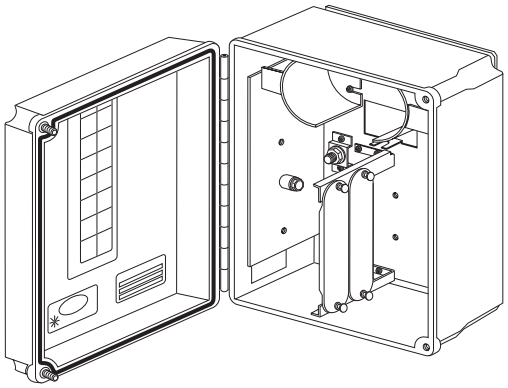
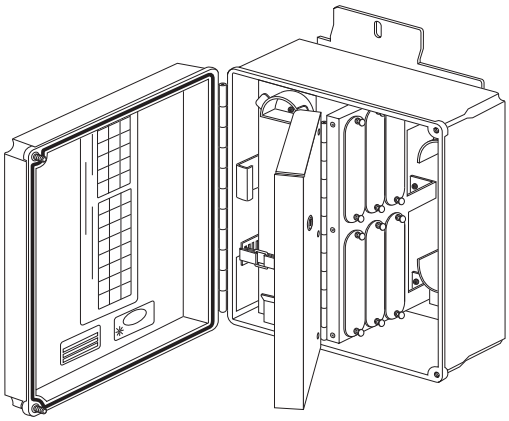
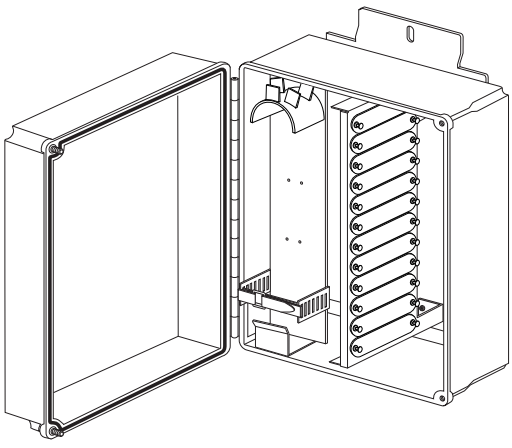


2-panel EDC



6-panel EDC



12-panel EDC

DRAWINGS
ZA-1971
ZA-1985
ZA-1986

Features / Benefits

- Unit's composite construction offers outstanding chemical and temperature resistance and exhibits excellent weatherability
- Constructed of a Low Smoke Zero Halogen Material (LSZH™)
- Unit is easy to punch, drill, file, or saw – making the installation of cable entry holes simpler
- 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
- Brackets for wall or pole mounting are included
- Accepts the LANscape® CCH panels (available in 6-, 8-, or 12-fiber increments) for most popular adapter types including SC duplex
- Will 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 cables
- NEMA 4X, IP66, and UL 508 Type 4X-rated

Description

Today's Environmental Distribution Center (EDC) product family incorporates design features that allow the product to better accommodate the changing requirements and growing needs of today's fiber optic networks. By improving on the original design, the EDC product family continues to set the standard for the future of interconnect hardware. As a component of Corning Cable Systems' LANscape Fiber Cabling Solutions the EDC will accept CCH panels and Corning Cable Systems' 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 required for mounting to a wall or pole. Accessories for the EDC include various fittings, a rack-mount kit, and a grounding kit.

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Specifications

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

Ordering Information

Step 1: Order the basic unit

Part Number	Description
EDC-02P-NH	Environmental Distribution Center that will accept 2 CCH panels; no cable entry holes provided
EDC-06P-NH	Environmental Distribution Center that will accept 6 CCH panels; no cable entry holes provided
EDC-12P-NH	Environmental Distribution Center that will accept 12 CCH panels; no cable entry holes provided

Step 2: Order the connector panels

Please refer to Corning Cable Systems Product Literature Code ICH-167 for connector panel choices and below for connector capacity.

Part Number	Connector Capacity
EDC-02P-NH	Two 6-fiber panels = 12 fiber total capacity Two 8-fiber panels = 16 fiber total capacity Two 12-fiber panels = 24 fiber total capacity
EDC-06P-NH	Six 6-fiber panels = 36 fiber total capacity Six 8-fiber panels = 48 fiber total capacity Six 12-fiber panels = 72 fiber total capacity
EDC-12P-NH	Twelve 6-fiber panels = 72 fiber total capacity Twelve 8-fiber panels = 96 fiber total capacity Twelve 12-fiber panels = 144 fiber total capacity

Step 3: Order the splice trays

Please refer to Corning Cable Systems Product Literature Code SHD-2B for splice tray choices and below for splice tray capacity.

Part Number	Splicing Capacity
EDC-02P-NH	Will accept two Corning Cable Systems 0.2 inch thick reduced length splice trays or one 0.4 inch thick reduced length splice tray
EDC-06P-NH	Will accept six Corning Cable Systems 0.2 inch thick standard length splice trays or three 0.4 inch thick standard length splice trays
EDC-12P-NH	Will accept twelve Corning Cable Systems 0.2 inch thick standard length splice trays, six 0.4 inch thick standard length splice trays, or six 0.4 inch thick UST-024 splice trays

Step 4: Order accessories

Part Number	Description
HDWR-GRND-KIT	Hardware Grounding Kit which includes two ground wires, one sheath ground clip, and one ground bus
BKT-ALL-R23-03	Universal Rack-Mount Kit for mounting to 19-in or 23-in equipment racks
EDC-2N4-KIT	Two NEMA 4 rated conduit fittings for 2-inch conduit*
EDC-2EC-KIT	Two non-rated conduit fittings for 2-inch conduit*
EDC-2WT-KIT	Two watertight compression fittings not intended to mate with conduit*

**Housing will have to be field-modified to accept the specified fittings.*

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