CORNIX

PRODUCT DATASHEET

CNX-DS-F56-004 · REV 1.0 · 06 OCTOBER 2026

FIBER MANAGEMENT & ENCLOSURES · FIBER SPLICE CLOSURE (DOME / INLINE)

Dome Fiber Splice Closure, 144 Fiber

OUTSIDE PLANT · DOME & INLINE · SEALED SPLICE PROTECTION

PART NO. **CX-FE-DM-144**

Also marked on products / QR labels as: CX-FE-DOME-144F

PRODUCT ILLUSTRATION



144 fibers	IP68	490 × 220 mm	Dome
SPLICE CAPACITY	INGRESS PROTECTION	DIMENSIONS (H × Ø)	TYPE

OVERVIEW

Sealed splice closures developed to protect fusion splices in outside-plant networks — aerial, duct and direct-buried. Dome versions suit branch and pole locations; inline versions suit straight-through and manhole splicing.

- IP68 sealed splice protection
- Aerial, duct and direct-buried installation
- Stackable splice trays
- Dome (heat-shrink) and inline (mechanical) sealing
- Multiple cable entry ports

APPLICATIONS

- Aerial and pole-line splicing
- Duct and manhole splice points
- Direct-buried joints

STANDARDS & COMPLIANCE

IEC 61073-1 · RoHS compliant

Technical Specifications

Dome Fiber Splice Closure, 144 Fiber · CX-FE-DM-144



PRODUCT VIEW (REPRESENTATIVE)

GENERAL

Type	**Dome (vertical) splice closure**
Splice capacity	**144 fibers**
Installation	**Aerial, duct, direct-buried**

CONSTRUCTION

Sealing	**Heat-shrink**
Splice trays	**48-fiber trays**

PHYSICAL

Dimensions (H × Ø)	**490 × 220 mm**
Color	**Black**

ENVIRONMENTAL

Ingress protection	**IP68**

Performance, Quality & Ordering

CX-FE-DM-144

FINAL QUALITY INSPECTION

QUALITY INSPECTED

Inspection item	Requirement
Dimensions & fit	Per drawing
Surface finish & color	No defects
Adapters / accessories	Complete per packing list
Labeling & packing	Per CORNIX label system

Every unit passes final visual, dimensional and accessory inspection before packing.

ORDERING INFORMATION

CX	FE	DM	144
CORNIX	Fiber enclosure	Dome closure	144 fibers

Part number	Description
CX-FE-DM-24	Dome Fiber Splice Closure, 24 Fiber
CX-FE-DM-48	Dome Fiber Splice Closure, 48 Fiber
CX-FE-DM-96	Dome Fiber Splice Closure, 96 Fiber
CX-FE-DM-144	**Dome Fiber Splice Closure, 144 Fiber**
CX-FE-IL-24	Inline Fiber Splice Closure, 24 Fiber
CX-FE-IL-48	Inline Fiber Splice Closure, 48 Fiber

Request a quote or technical support

Datasheets, test reports and samples available on request

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