CORNIX

PRODUCT FAMILY DATASHEET
CNX-DS-F56-000 · REV 1.0 · 06 OCTOBER 2026

FIBER MANAGEMENT & ENCLOSURES

Fiber Splice Closure (Dome / Inline)

OUTSIDE PLANT · DOME & INLINE · SEALED SPLICE PROTECTION

FAMILY **F56 • 6 PART NUMBERS**

SHOWN: CX-FE-DM-24



24 fibers	IP68	435 × 190 mm
SPLICE CAPACITY	INGRESS PROTECTION	DIMENSIONS (H × Ø)

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

Common Specifications

Values shared by all 6 part numbers in this family · variant-specific values on the following page

GENERAL

Installation	**Aerial, duct, direct-buried**

PHYSICAL

Color	**Black**

ENVIRONMENTAL

Ingress protection	**IP68**

Ordering Information

6 part numbers · individual datasheets available for every part number

Part number	Description	Type	Capacity	Protection
Dome closures				
CX-FE-DM-24	Dome Fiber Splice Closure, 24 Fiber	Dome	24 fibers	IP68
CX-FE-DM-48	Dome Fiber Splice Closure, 48 Fiber	Dome	48 fibers	IP68
CX-FE-DM-96	Dome Fiber Splice Closure, 96 Fiber	Dome	96 fibers	IP68
CX-FE-DM-144	Dome Fiber Splice Closure, 144 Fiber	Dome	144 fibers	IP68
Inline closures				
CX-FE-IL-24	Inline Fiber Splice Closure, 24 Fiber	Inline	24 fibers	IP68
CX-FE-IL-48	Inline Fiber Splice Closure, 48 Fiber	Inline	48 fibers	IP68

Variant-Specific Specifications

Values that differ between part numbers

Part number	Sealing	Splice trays	Dimensions (H × Ø)
CX-FE-DM-24	Heat-shrink	24-fiber trays	435 × 190 mm
CX-FE-DM-48	Heat-shrink	24-fiber trays	435 × 190 mm
CX-FE-DM-96	Heat-shrink	24-fiber trays	435 × 190 mm
CX-FE-DM-144	Heat-shrink	48-fiber trays	490 × 220 mm
CX-FE-IL-24	Mechanical	24 fibers per tray	—
CX-FE-IL-48	Mechanical	24 fibers per tray	—

Part number	Dimensions
CX-FE-DM-24	—
CX-FE-DM-48	—
CX-FE-DM-96	—
CX-FE-DM-144	—
CX-FE-IL-24	390 × 210 × 120 mm
CX-FE-IL-48	390 × 210 × 120 mm

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.

Request a quote or technical support

Datasheets, test reports and samples available on request

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