FIBER MANAGEMENT & ENCLOSURES

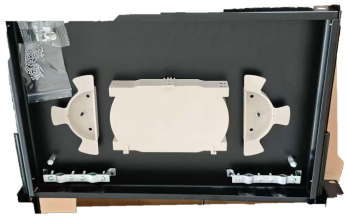
Fiber Optic Patch Panel (Loaded)

19-INCH RACK-MOUNT · FACTORY-LOADED ADAPTERS · LC / SC / MTP

FAMILY **F54 • 10 PART NUMBERS**

SHOWN: CX-FN-24-SC-1U-APC





1U sliding drawer — CORNIX order 2026

24 ports	1U, 19-inch	Cold-rolled steel
CAPACITY	RACK HEIGHT	MATERIAL

OVERVIEW

19-inch rack-mount fiber patch panels supplied with adapters factory-loaded, developed to terminate and patch backbone and horizontal fiber in data centers, telecom rooms and FTTx head-ends. Standard, high-density and MTP/MPO formats.

- 19-inch rack-mount, factory-loaded adapters
- Sliding drawer with integrated splice cassette
- Standard, high-density and MTP/MPO formats
- Cold-rolled steel, black powder coat
- Front access for fast patching and maintenance

APPLICATIONS

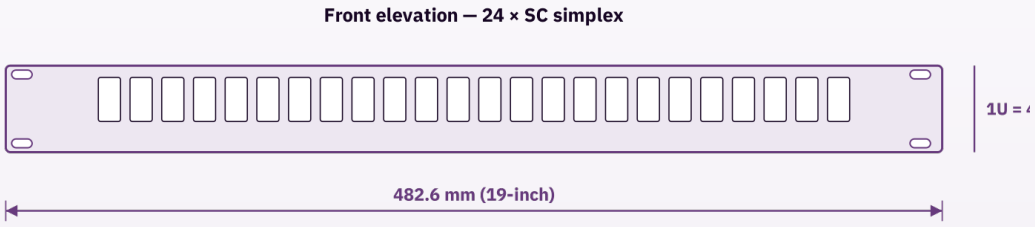
- Rack termination of backbone fiber
- Data center patch fields
- FTTx head-end and OLT rooms (APC versions)

STANDARDS & COMPLIANCE

RoHS compliant

Common Specifications

Values shared by all 10 part numbers in this family · variant-specific values on the following page



FRONT ELEVATION (SCHEMATIC) — SHOWN FOR CX-FN-24-SC-1U-APC

Ordering Information

10 part numbers · individual datasheets available for every part number

Part number	Description	Ports / fibers	Adapters	Rack height
High-density panels				
CX-FN-72-LC-1U-HD	High-Density Loaded Fiber Patch Panel, 72F LC, 1U	72	LC duplex	1U
CX-FN-144-LC-1U-HD	High-Density Loaded Fiber Patch Panel, 144F LC, 1U	144	LC duplex	1U
MTP/MPO panels				
CX-FN-6-MTP-1U	MTP/MPO Adapter Panel, 6 Port, 1U	6	MTP/MPO	1U
Standard loaded panels				
CX-FN-12-LC-1U	Loaded Fiber Patch Panel, 12 Port LC duplex, 1U	12	LC duplex	1U
CX-FN-12-SC-1U	Loaded Fiber Patch Panel, 12 Port SC simplex, 1U	12	SC simplex	1U
CX-FN-24-LC-1U	Loaded Fiber Patch Panel, 24 Port LC duplex, 1U	24	LC duplex	1U
CX-FN-24-SC-1U	Loaded Fiber Patch Panel, 24 Port SC simplex, 1U	24	SC simplex	1U
CX-FN-24-SC-1U-APC	Loaded Fiber Patch Panel, 24 Port SC/APC simplex, 1U	24	SC/APC simplex	1U
CX-FN-48-LC-2U	Loaded Fiber Patch Panel, 48 Port LC duplex, 2U	48	LC duplex	2U
CX-FN-72-SC-2U-APC	Loaded Fiber Patch Panel, 72 Port SC/APC Simplex, 2U	72	SC/APC simplex	2U

Variant-Specific Specifications

Values that differ between part numbers

Part number	Format	Material	Dimensions (W × D × H)
CX-FN-72-LC-1U-HD	High-density 1U panel	Aluminum	435 × 470 × 44 mm
CX-FN-144-LC-1U-HD	High-density 1U panel	Aluminum	435 × 470 × 44 mm
CX-FN-6-MTP-1U	—	SPCC steel, 1.2 mm base / 1.0 mm cover	—
CX-FN-12-LC-1U	Sliding drawer with splice cassette	Cold-rolled steel	—
CX-FN-12-SC-1U	Sliding drawer with splice cassette	Cold-rolled steel	—
CX-FN-24-LC-1U	Sliding drawer with splice cassette	Cold-rolled steel	—
CX-FN-24-SC-1U	Sliding drawer with splice cassette	Cold-rolled steel	—
CX-FN-24-SC-1U-APC	Sliding drawer with splice cassette	Cold-rolled steel	—
CX-FN-48-LC-2U	Sliding drawer with splice cassette	Cold-rolled steel	—
CX-FN-72-SC-2U-APC	Sliding drawer with splice cassettes	Cold-rolled steel	—

Part number	Operating temperature	Color	Storage temperature
CX-FN-72-LC-1U-HD	-20 °C to +60 °C	—	—
CX-FN-144-LC-1U-HD	-20 °C to +60 °C	—	—
CX-FN-6-MTP-1U	-20 °C to +70 °C	Black (RAL 9005)	-40 °C to +80 °C
CX-FN-12-LC-1U	—	Black	—
CX-FN-12-SC-1U	—	Black	—
CX-FN-24-LC-1U	—	Black	—
CX-FN-24-SC-1U	—	Black	—
CX-FN-24-SC-1U-APC	—	Black	—
CX-FN-48-LC-2U	—	Black	—
CX-FN-72-SC-2U-APC	—	Black	—

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

rfq@cornixglobal.com
sales@cornixglobal.com
cornixglobal.com

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