

CF FDH 144 FIBER DISTRIBUTION CABINET

CF FDH 144 Fiber Distribution Cabinet Indoor Wall Mount



The CF Fiber Distribution Hub (FDH) indoor wall mount cabinet is designed to organize and manage fiber optic cables and passive optical splitters in an inside plant environment typically found at the Multiple Dwelling Unit (MDU). This cabinet is used to connect feeder and distribution cables via optical splitters in a Fiber-to-the-Premise network application. This cabinet provides a splice, patch and splitter interconnection interface at the MDU.

The CF-FDH is capable of managing up to 144 fiber distribution riser or horizontal MDUs environment. The cabinet is loaded with industry standard fiber adapters (simplex or duplex) LGX plates for PON applications with the ability to house up to five 1xN standard high density modular splitters. The unit can be preloaded for patch & splice or splice & split fiber applications and supports all types of ISP cable construction. The FDH cabinet is a solid enclosure designed to protect fiber terminations from damage while allowing ease of access with its removable doors at the hinges.

The CF-FDH cabinet provides front access configuration and accommodates either riser or indoor cables via grommet entry. Cables are secured with standard grip clamps providing superior pull out strength. The cabinet also accommodates grounding for both the cabinet and metallic cable strength members.



Features and Benefits

- Provide secure indoor environmental protection from dust, insects and other contaminants
- Complete fiber management accommodates a wide range of fiber counts and mounting applications
- Designed to be compact and craft-friendly to lower installation costs and accelerate construction
- Integrated splice tray mounting offers flexible splice management for individual or full splice capacity – maximum 6 x 24F trays
- Accommodates up to 5 standard high-density modular splitters (1x4, 1x8, 1x16, 1x32 and 1x64)
- All front access allows for easy maintenance and access to cables
- Beige powder coated aluminum construction with lock provides protection from tampering or inadvertent damage
- Cabinet is stackable allowing for easy future expansion – offers cost effective, “pay-as-you-grow” deployment
- Parking Lot capacity: 36 adapters
- Can be configured with LGX plates, splitters, pigtails and/or pre-terminated with fiber stub cables

Dimensions

Height: 21.5”, Width: 24”, Depth: 10.3”

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Ordering Information

CF-FDH144 - 1 - 2 - 3 - 4 - 5 - 6 - 7

Section 1. Adapter Style

SCUS= SCU SM Simplex	SCAS= SCA SM Simplex	SCPS= SC MM Simplex	SCUD= SCU SM Duplex
SCAD= SCA SM Duplex	SCPD= SC MM Duplex	LCUD= LCU SM Duplex	LCAD= LCA SM Duplex
LCPD= LCP MM Duplex	LCUQ= LCU SM Quad	LCAQ= LCA SM Quad	LCPQ= LC MM Quad
STUS= SCU SM Simplex	STPS= SCP MM Simplex	FCUS= FCU SM Simplex	FCAS= FCA SM Simplex

Section 2. LGX Plate Quantity (12 adapters per plate)

P01 P02 P03 P04 P05 P06 P07 P08 P09 P10 P11 P12

Section 3. Splice Tray Count (Holds up to a maximum of 6 units)

000 = No Trays 124= 1 x 24 Fiber Trays

Section 4. Splitter Type (holds up to a maximum of 5 units)

1A = 1 ea 1x4 1B = 1 ea 1x8 1C = 1ea 1x16 1D =1ea 1x32 1E = 1ea 1x64 XX=NA

Section 5. Fiber Type & Cable Pigtail Sets (1-12 sets please enter XXX if none required)

xA= ESM pigtails (12 SM pigtails in a yellow tube)	xB= SM BBXS pigtail (12 pigtails in a blue tube)
xC= SM BBXS pigtail (12 pigtails in a yellow tube)	xD= SM ESM Stub
xE= MM 62.5µm OM1 pigtails (12 pigtails in a beige tube)	xF= MM 50µm OM3 pigtails (12 pigtails in an aqua tube)
xG= MM 62.5 µm OM1 Stub	xH= MM 50µm OM2 Stub

Section 6. Stub Cable Type

A= Loose Tube	B= Indoor Riser OFNR /Outdoor Loose Tube
C= Indoor Plenum OFNP /Outdoor Loose Tube	D= Riser OFNR Distribution
E= Plenum OFNP	F= Ribbon OFNR
G= Ribbon OSP	X= none

Section 7. Stub Cable Length

XXF = Length in Feet XXM = Length in Meters XXX = NA

EXAMPLE

CF-FDH144-SCUS-P12-624-2E-12B-A-50F

CF FDH 144F Wall Mount Panel configured with SC/UPC Single Mode Adapters installed on 12 LGX Plates, 6ea 24F splices trays, 2un 1x64 Splitters, 12 sets of Single Mode BBXS Blue Jacketed Fiber Pigtails and 50ft Loose Tube Stub Cable



telecommunications solutions inc.

650 Rupert Street | Unit #6 | Waterloo ON | N2V 2R8
Phone: 519.748.4411 | 1-877-900-7996 | fax: 519.748.0466
customerservice@connect-telcom.com

www.connect-telcom.com