FieldSmart® Fiber Delivery Point (FDP)

Indoor 144-Port Wall Box

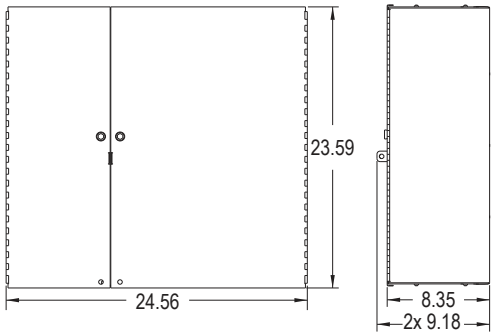
Application

The 144 Port Indoor Wall Box has been optimized for MDU applications. With the Clearview® Cassette at its heart, the FieldSmart FDP 144 Port Wall Box gives service providers plug-and-play integration based upon the configuration requirements of their application. Starting from 12 ports, users can easily scale their networks using the same consistent Clearview Cassette deployment strategy. With a compact 24" x 26" x 8" (609.60 mm x 660.40 mm x 203.20 mm) footprint, this wall box is perfect for the deployment of FTTH networks in an MDU environment. With the ability to house up to six ruggedized splitters, the wall box supports PON applications, as well as fiber demarcations.



Description

The FieldSmart Fiber Delivery Point (FDP) 144 Port Indoor Wall Box is Clearview optimized, allowing the user to easily scale from 12 to 144 distributed ports and 24 feeder ports. Utilizing Clearview Cassettes, the product is shipped and loaded with the industry standard adapters. It is preloaded for patch only, patch and splice (Clearfield's in-cassette splicing solution) and MPO plug-and-play applications and supports all cable constructions for the inside or outside plant. It is ring-cut or mid-span capable, allowing for the distribution cables to be daisy-chained and for fiber hand-off through the riser. The box has a swinging bulkhead for rear-access to the cassettes, security enabled doors for extra protection and a solid enclosure to protect fiber terminations from damage. Designed from conception to provide fast, easy fiber jumper routing and ease of access to all circuits, the wall box system is craft-friendly, keeping the installer's needs for quick deployment, intuitive use and ease of maintenance as the top priority.



Features and Benefits

Integrity

- Terminations are designed and tested to Telcordia GR-326
- Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
- Designed to comply to Telcordia GR-20 and GR-409
- Supports all industry standard singlemode and multimode connectors
- 100% performance tested for insertion loss, return loss and final mechanical inspect

Protection

- Radius protected storage for up to five meters of jacketed fiber or patch cord slack is provided (patch side)
- Rugged steel construction with security enabled doors provide protection from tampering or inadvertent damage with industry standard can wrench fasteners
- Integrated fiber management protects fiber from micro-bend and macro-bend damage
- A grounding lug is included
- Secondary locking fasteners for optional padlock

Access

- Removable doors and non-angled connectors enable easy fiber jumper routing, reducing the risk of fiber damage
- Upper and lower entry/exit points for feeder/customer premise cables
- Larger design facilitates ease of access in the environments product is deployed and is accessible using a standard can wrench
- Pre-loaded for patch and splice or patch only applications

Investment

- Scalable to 144 distributed ports and 24 feeder ports of fiber using Clearview Cassettes loaded with the interface of your choice: user-defined feeder/distribution port counts
- Pre-configured/pre-loaded factory terminated assemblies
- Box can be configured as a tie box and later converted to patch only or patch and splice, utilizing the Clearview Cassette

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Indoor 144-Port Wall Box

Technical Specifications

FieldSmart Indoor 144 Port Wall Box	
Dimensions	23.59" H x 24.56" W x 8.35" D (599.19 mm x 623.82 mm x 212.09 mm)
Port Density	Up to 144 distributed ports and 24 feeder ports
Cassette Types Supported	Clearview® Blue
Connector Types	SC/UPC, SC/APC, LC/UPC, LC/APC, FC/UPC, FC/APC, ST/UPC, MPO
Cable Types	Indoor Riser, Indoor Plenum, Indoor/Outdoor
Splice Capacity	12 or 24 splice configurations in each Clearview Cassette
Storage Capacity	One meter of 900 µm fiber and up to 5 meters of jacketed fiber
Material	18 gauge cold rolled steel (almond powder coating)

Configured Part Numbers

W ___ ___ - ___ ___ ___ - ___ ___ ___ - Z Z ___ XXXM or XXXF

1 2 3 4 5 6 7

1 Select Wall Mount Style

J = Patch only
K = Patch and splice
L = Tie panel

2 Select Clearview Cassette

B = Clearview Blue

3 Select Port Count

X X X = Port count in increments of 12

4 Select Connector Style

A = SC/UPC
C = SC/APC
F = LC/UPC
H = LC/APC
J = FC/UPC
K = FC/APC
M = ST/UPC

5 Select Mode / Type

1 = Singlemode, non-ribbon
2 = Singlemode, ribbon
3 = Multimode (62.5)
9 = No fiber – multimode
0 = No fiber – singlemode

6 Select Cable Construction

A = Indoor riser rated (IFC)
B = OSP riser rated
C = Indoor, plenum rated (IFC)
E = OSP (non-rated)
M = OSP (armored, non-rated)
F = Patch and splice (loose tube)
Z = None or patch and splice (ribbon)

7 Select Cable Exit *

2 = Top left
4 = Bottom left
Z = None or patch and splice (ribbon)

XXXM or XXXF

XXXM = Length in meters
XXXF = Length in feet

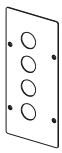
* Cable exit is defined by which direction the cable exits the panel when viewing it from the front.

Accessories

- Ruggedized Splitter
- Dust Cover Plates (016024) - plate kit includes two plates and eight screws
- Plate Kit (016024-01) - plate kit includes two plates, eight screws and eight rubber hole plugs



016024



016024-01

