

# FieldSmart® Fiber Delivery Point (FDP)

## Indoor 144-Port PON Wall Box

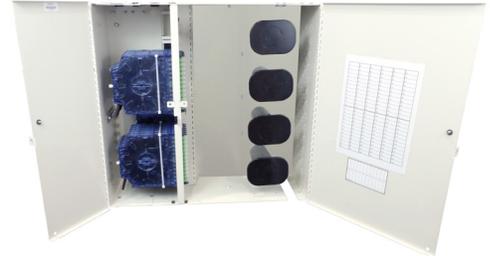


### Application

The 144 Port PON Indoor Wall Mount Panel has been optimized for MDU applications. With the Clearview® Cassette at its heart, the FieldSmart FDP 144 Port PON Wall Mount Panel 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. It is able to support six splitters in a compact 24" x 26" x 8" footprint, this wall mount panel is perfect for the deployment of FTTH networks in an MDU environment.

### Description

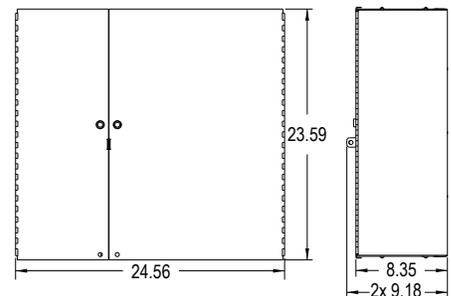
The FieldSmart Fiber Delivery Point (FDP) 144 Port Indoor Wall Mount Panel is Clearview optimized, allowing the user to easily scale from 12 to 144 ports. Utilizing Clearview Cassettes, the product is shipped and loaded with the industry standard adapters. It is preloaded for patch only, patch and splice 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 panel 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. Inner panel of bulkhead holds two cassettes for up to 24 feeder ports and dual cages hold up to 6 splitters. Designed from conception to provide fast, easy fiber jumper routing and ease of access to all circuits, the Wall Mount Panel 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 designed, tested and certified to Telcordia GR-326
- Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
- Fiber cable compliant 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

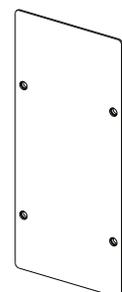


#### Access

- 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 distribution ports of fiber using Clearview Cassettes loaded with the interface of your choice
- Up to 24 feeder ports
- Built in cages hold up to 6 splitters
- Pre-configured/pre-loaded factory terminated assemblies
- Panel can be configured as a tie panel and later converted to a patch only or a patch and splice panel, utilizing the Clearview Cassette



016024 - Plate Kit  
includes two plates and eight screws

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### Technical Specifications

FieldSmart Indoor 144 Port PON Wall Mount Panel	
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	Distribution: Up to 144 ports
	Feeder: Up to 24 ports
Cassette Types Supported	Clearview® Blue and Clearview Classic
Connector Types	SC/UPC, SC/APC, LC/UPC, LC/APC, MPO
Cable Types	Indoor Riser, Indoor Plenum, Indoor/Outdoor
Splice Capacity	12 splices 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)
Splitter Capacity	Up to 6 ruggedized splitters

### Configured Part Numbers

W \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_ - A \_\_\_\_\_ XXXM or XXXF

1 2 3 4 5 6 7 8

**1 Select Wall Mount Style**

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

**2 Select Clearview Cassette**

B = Clearview Blue  
Z = Clearview Classic

**3 Select Port Count**

XXX = Port count in increments of 12

**4 Select Connector Style**

A = SC/UPC  
C = SC/APC  
F = LC/UPC  
H = LC/APC

**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 Feeder**

A = 12 port feeder cassette patch only 144 box  
B = 24 port feeder cassette 144 box only  
Z = No feeder

**8 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.

