

FieldSmart® Fiber Delivery Point (FDP)

Indoor 36-Port Wall Box



Application

The FieldSmart Fiber Delivery Point (FDP) 36 Port Indoor Wall Box has been optimized for MDU (Multi Dwelling Unit) applications. With the Clearview® Cassette at its heart, the FieldSmart FDP Wall Box gives service providers plug-and-play integration based upon the configuration requirements of the application. With the ability to house a single 1 x 32 splitter, indoor wall boxes are perfect for the deployment of PON-based FTTH networks in an MDU environment. Additional applications include, fiber demarcations, entrance facilities and security systems (CCTV).



Description

The FieldSmart Fiber Delivery Point (FDP) 36 Port Indoor Wall Box easily allows the user to scale from 12 to 36 ports. Utilizing Clearview Cassettes, the product is shipped loaded with the industry standard adapter of choice and can be configured for patch only, patch and splice (Clearfield's in-cassette splicing solution) and MPO plug-and-play applications, while supporting all cable constructions for the inside 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 fixed bulkhead with rear-access to the cassettes and sub-unit slack storage, 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 designed, tested and certified to Telcordia GR-326
- Clearfield® FiberDeep® Guarantee: 0.2 dB insertion loss or less, exceeding industry standards
- Fiber cable certified to Telcordia GR-20 & 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 damage
- Integrated fiber management protects fiber from micro-bend and macro-bend damage
- A grounding lug is included

Access

- Removable doors and non-angled connectors enable fast, easy fiber jumper routing, reducing the risk of fiber damage when cleaning or patching fibers
- Ships ready to install with miscellaneous accessories
- Upper and lower entry/exit points for feeder/customer premise cables
- Larger design facilitates ease of access in the environments product is deployed
- Accessible using a standard can wrench
- Pre-loaded for patch and splice or patch only applications

Investment

- Scalable to 36 ports of fiber using Clearview Cassettes loaded with the interface of your choice
- 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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Technical Specifications

FieldSmart Indoor 36-Port Wall Box	
Dimensions	10.34" H x 15.00" W x 5.20" D (262.63 mm x 381 mm x 132.08 mm)
Port Density	Up to 36 ports
Cassette Types Supported	Clearview® Blue
Connector Types	SC/UPC, SC/APC, LC/UPC, LC/APC, 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

Disclaimer/Note: Paper configurator shown is for reference only and should not be used to configure a saleable product configuration. All options shown on paper configurators may not be available or compatible with other options listed. Please contact your Clearfield representative for assistance in product configurations.

W _____ - _____ - _____ - Z Z _____ XXXM or XXXF

1 2 3 4 5 6 7

1 Select Wall Box Style

E = Patch only
F = Patch and splice
G = Tie panel

2 Select Clearview Cassette

B = Clearview Blue

3 Select Port Count

012 = 12 port
024 = 24 port
036 = 36 port

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 = 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.

