

StreetSmart Pre-Assigned FDH Cabinet

288-Port PON Cabinet with Pre-Installed Splitters



Application

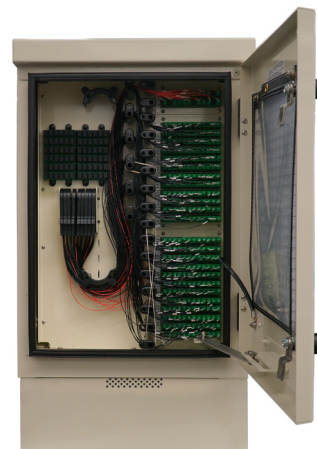
Clearfield's StreetSmart Pre-Assigned FDH PON Cabinet provides an interconnect environment from the feeder network through the passive optical splitter to the distribution network.

Designed for rapid PON Network deployments, these cabinets provide a single distribution point, making it the ideal solution for deploying FTTH (fiber-to-the-home) where high potential take rates are expected. Pre-Assigned WaveSmart High Density 1 x 32 Splitters are loaded into the cabinet with a pre-terminated fiber tail, making installation and deployment very cost and time effective.

Description

The StreetSmart Pre-Assigned FDH PON Cabinet provides a turn-key solution for up to 288 distribution fibers for an outside plant FTTH PON application. WaveSmart High Density 1 x 32 Splitters are installed and pre-assigned into Clearfield's 12 pack SC/APC module adapters, allowing the service provider to instantly turn-up revenue-generating circuits.

The StreetSmart 288 PON Cabinet incorporates a cross-cut roof designed to shed water and includes a roof/solar shield and a reusable/replaceable venting feature, providing additional protection for deployed fiber. The outer shell of the cabinet is replaceable, allowing the cabinet to be repaired if damaged. Mounting options include pad, pole or vault mounted with either a 6" or 12" riser.



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 and GR-409
- Cabinets are designed, tested and certified to GR-3125
- Constructed with 0.090 aluminum
- Powder coated for additional protection
- 300 series stainless steel fasteners used on all cabinets
- Optional 6" and 12" risers

Protection

- 12 pack fiber modules protects fiber from environmental and human factors
- Rugged cable clamps protect the OSP cable breakouts from twisting and pistoning
- Patch only buffer tubes are fully protected with ruggedized, bend-limiting tubing
- WaveSmart High Density Splitters are built with ruggedized jacketing and bend-insensitive 900 um fiber for all input and output legs
- Cross-cut roof and venting provide additional protection in all environments

Access

- 12 pack fiber modules snap into bulkhead from the front allowing for quick visual troubleshooting without opening
- Front and side access doors
- Bottom exit/entrance for fiber cables

Investment

- Feeder and Distribution Fiber are pre-terminated into cabinet - No additional splicing required
- WaveSmart High Density Splitters are loaded and pre-assigned into cabinet
- Deployment time is minimized, allowing revenue generating circuits to be turned up immediately

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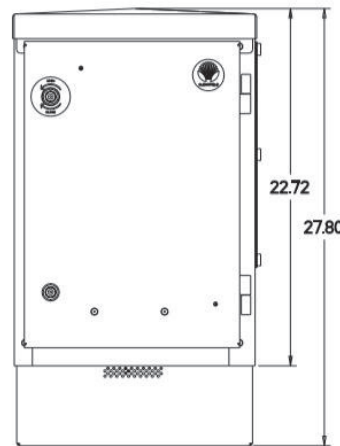


Technical Specifications

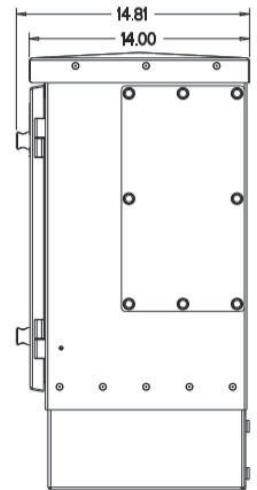
288-Port Cabinet	
Dimensions	22.72" T x 15.47" W x 14.18" D (577.08mm T x 393.94mm W x 360.17mm D) * Without Riser
Weight	40 lbs. (18.14 kg)
Dist. Port Density	144 or 288
Max. Feeder/Express Ports	12 or 24
Cable Entrances	4
Mounting Options (Hoist kits included with each cabinet)	Vault mount; pole mount; pad mount
Riser Base	6"; 8 lbs (127 mm; 2.72 kg) 12"; 12 lbs. (304.80 mm; 5.44 kg) Access door in rear of riser base on both the 6" and 12" risers
Pre-loaded WaveSmart High Density Splitters with 900um Legs	4 or 8
Splitter Staging Capacity	72
Connector Modules	12 Pack Adapter Modules
Connector Types	SC/UPC, SC/APC
Cable Types	Indoor/Outdoor, Outdoor, Outdoor Armored, Ribbon and Loose Tube
Door Locks	2 per door
Venting	Built-in Replaceable Roof Vent
Material	0.90 (2.286 mm) Aluminum with almond powder coating

Accessories

- Risers: 6" and 12" (127 mm or 304.80 mm)
- WaveSmart High Density Splitter
- Pole Mount Kits
- Gore-Tex Filter Replacement



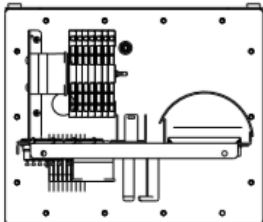
FRONT VIEW



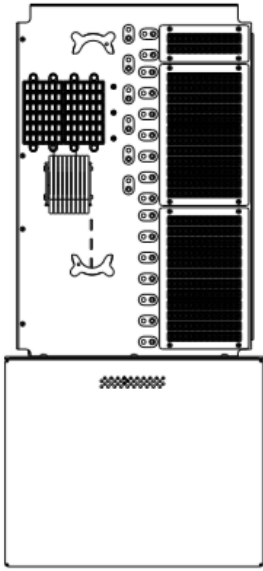
RIGHT SIDE VIEW

StreetSmart Pre-Assigned FDH Cabinet

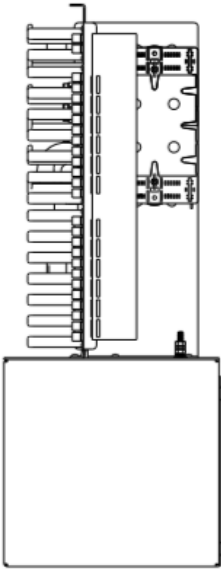
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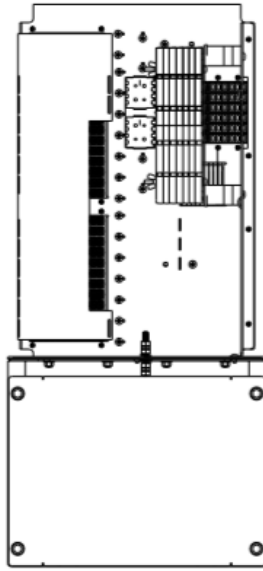
TOP VIEW



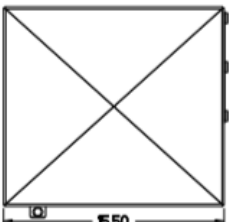
FRONT VIEW



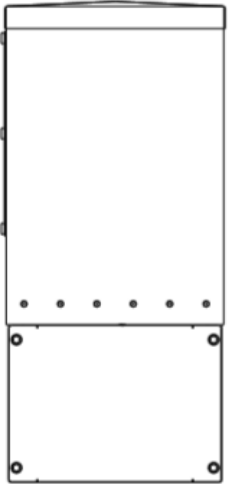
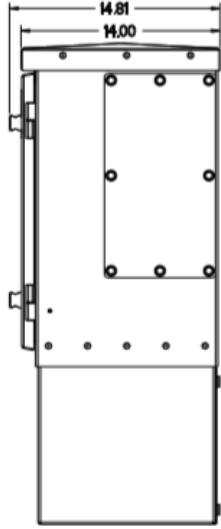
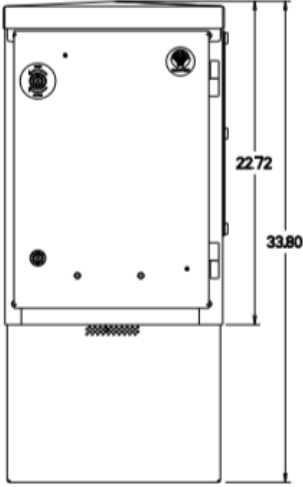
RIGHT SIDE VIEW



REAR VIEW



TOP VIEW



StreetSmart Pre-Assigned FDH Cabinet

288-Port PON Cabinet with Pre-Installed Splitters



Configured Part Numbers

R - R 1 2 3 - 4 5 6 - 7 8 Z - 9 Z XXXF OR XXXM

1 Select Riser
A = 6"
B = 12"
D = 6" with Pole Mount Kit

5 Select Model/Type
1 = Singlemode – Non-Ribbon
2 = Singlemode – Ribbon

8 Select Qty. of 144 Fiber OSP Cables
0 = 0
1 = 1
2 = 2

2 Select # of Feeder Ports
1 = 12 Ports
2 = 24 Ports

6 Select Jacket Construction
B = OSP Riser
E = OSP (Non-Rated)
M = OSP Armored (Non-Rated)

9 Select Preloaded 1 x 32 Splitters
4 = 128 Ports
8 = 256 Ports

3 Select # of Distribution Ports
1 = 144 Ports
2 = 288 Ports

7 Select Qty. of 288 Fiber OSP Cables
0 = 0
1 = 1

XXXF or XXXM
XXXF = Length in Feet
XXXM = Length in Meters

4 Select Connector
A = SC/UPC
C = SC/APC

Pre-Configured Part Numbers

Vault

Part Number	Description
V6A-CZP	Vault, below grade Pencil, 24" W x 36" L x 24" D (609.60 mm x 914.40 mm x 609.60 mm), split HDPE lid, hex bolts, green, with cut out for FieldSmart Cabinets, straight wall, with bolt kit
V6B-CZP	Vault, below grade Pencil, 24" W x 36" L x 36" D (609.60 mm x 914.40 mm x 914.40 mm), split HDPE lid, hex bolts, green, with cut out for FieldSmart Cabinets, straight wall, with bolt kit
V7A-CZP	Vault, below grade Pencil, 30" W x 48" L x 24" D (762.00 mm x 1219.20 mm x 609.60 mm), split HDPE lid, hex bolts, green, with cut out for FieldSmart Cabinets, straight wall, with bolt kit
V7B-CZP	Vault, below grade Pencil, 30" W x 48" L x 36" D (762.00 mm x 1219.20 mm x 914.40 mm), split HDPE lid, hex bolts, green, with cut out for FieldSmart Cabinets, straight wall, with bolt kit
FMA-H3Z-BC-SUB	Pole Mount Kit, for FieldSmart FDH cabinets, 144