StreetSmart® Pre-Assigned FDH Cabinet
288-Port PON Cabinet with Pre-Installed Splitters

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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 FTTx 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

StreetSmart® Pre-Assigned FDH Cabinet
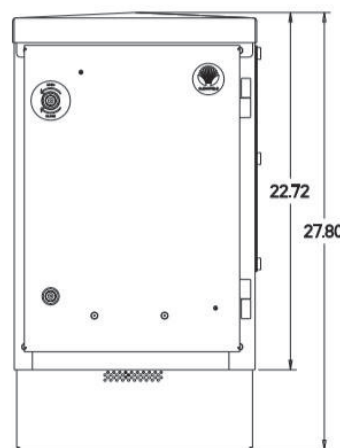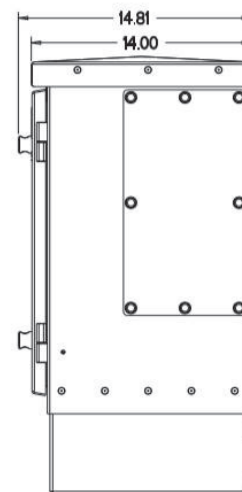## *288-Port PON Cabinet with Pre-Installed Splitters*

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Technical Specifications

288-Port PON Cabinet with Pre-Installed Splitters	
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
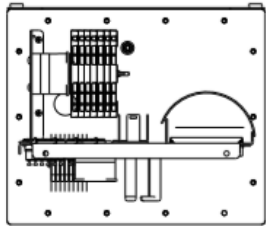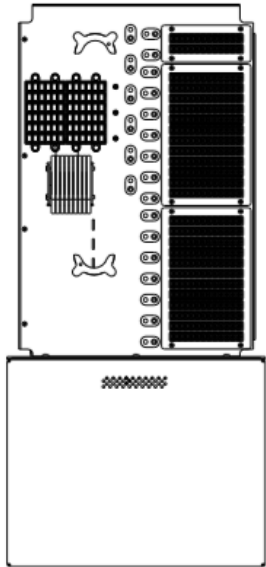- Pole Mount Kits
- Gore-Tex Filter Replacement

FRONT VIEW

RIGHT SIDE VIEW

14.81
14.00
22.72
27.80

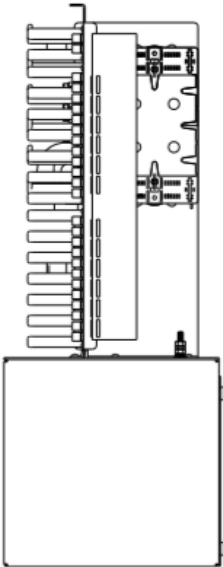# StreetSmart® Pre-Assigned FDH Cabinet
288-Port PON Cabinet with Pre-Installed Splitters

TOP VIEW

FRONT VIEW

RIGHT SIDE VIEW
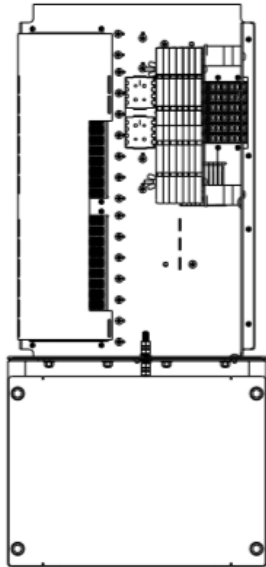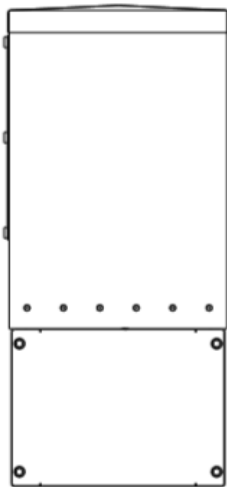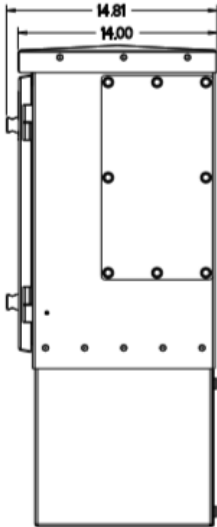

REAR VIEW
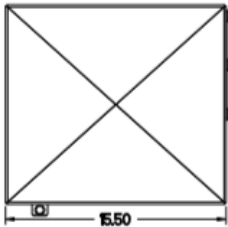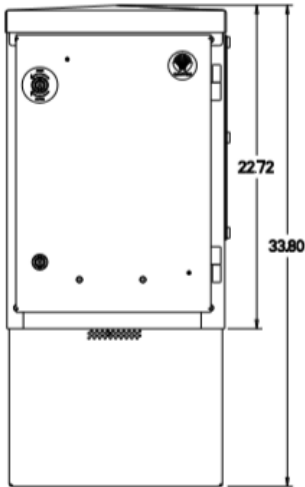
15.50

TOP VIEW

22.72

33.80

14.81

14.00

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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.

R - R ___ ___ ___ - ___ ___ ___ - ___ ___ Z - ___ Z XXXF OR XXXM

[1] [2] [3] [4] [5] [6] [7] [8] [9]

1 Select Riser

A = 6"
B = 12"
D = 6" with Pole Mount Kit

2 Select # of Feeder Ports

1 = 12 Ports
2 = 24 Ports

3 Select # of Distribution Ports

1 = 144 Ports
2 = 288 Ports

4 Select Connector

A = SC/UPC
C = SC/APC

5 Select Model/Type

1 = Singlemode – Non-Ribbon
2 = Singlemode – Ribbon

6 Select Jacket Construction

B = OSP Riser
E = OSP (Non-Rated)
M = OSP Armored (Non-Rated)

7 Select Qty. of 288 Fiber OSP Cables

0 = 0
1 = 1

8 Select Qty. of 144 Fiber OSP Cables

0 = 0
1 = 1
2 = 2

9 Select Preloaded 1 x 32 Splitters

4 = 128 Ports
8 = 256 Ports

XXXF or XXXM

XXXF = Length in Feet
XXXM = Length in Meters