

Clearfield®

Indoor 72, 192 and 288-Port Wall Boxes



Application

The Indoor Wall Boxes are purpose-built for Enterprise and Data Center environments requiring high-density fiber management in a compact footprint. Designed around the Clearview® Cassette platform, this wall box provides a scalable, plug-and-play solution optimized for patch-only or interconnect applications.

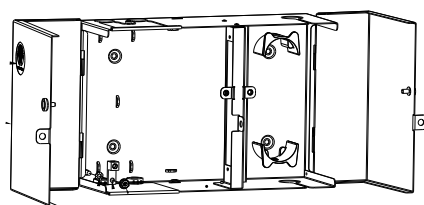
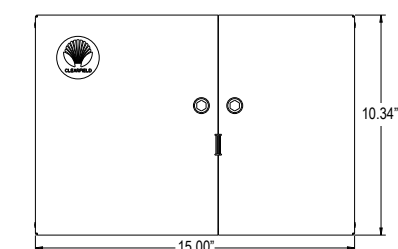
Supporting 72-288 fibers terminated with LC/APC connectors, the wall boxes offer flexible routing and secure fiber protection for mission-critical network infrastructure. Ideal for structured cabling systems, cross-connect points, and active equipment patching, the black high density wall box ensures efficient space utilization and simplified moves, adds, and changes (MACs) within high-performance enterprise networks.



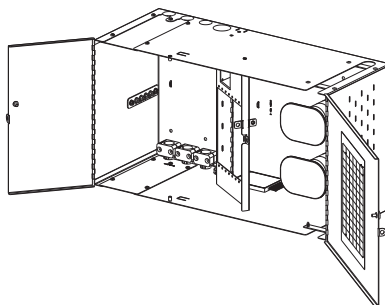
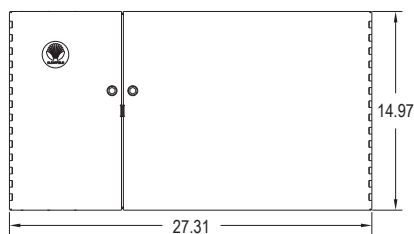
Description

The black High Density Indoor Wall Boxes allow users to scale from 72 to 288 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 wall boxes have hinging bulkheads 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 high-density wall box systems are craft-friendly, keeping the installer's needs for quick deployment, intuitive use and ease of maintenance as the top priority.

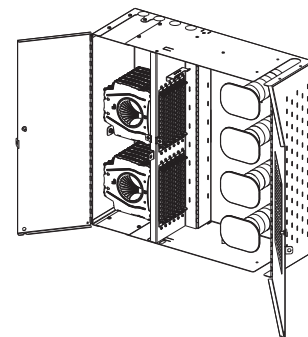
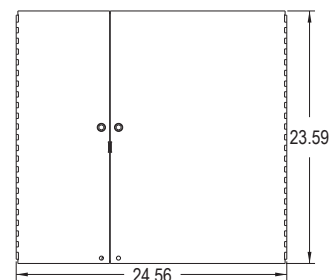
72-Port



192-Port



288-Port



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, hinging bulkhead 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 from 72 to 288 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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Indoor 72-Port Wall Box



Technical Specifications

Indoor 72-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 SC/APC ports, 72 LC/UPC 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 (black powder coating)

Pre-Configured Part Numbers - Empty Wall Box

Part Number	Description
WFB-000-Z0Z-NVZ	Indoor Rated, 72 Max. Cap., No Fiber, No Connector Ports, High Density

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

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N

V

XXXX 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

XXX = Port counts 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 = OM3
4 = OM4
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)

XXXX or XXXF

XXXX = Length in meters
XXXXF = Length in feet

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

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Indoor 192-Port Wall Box



Technical Specifications

Indoor 192-Port PON Wall Box	
Dimensions	14.97" H x 27.31" W x 10.78" D (380.24 mm x 693.67 mm x 273.81 mm)
Port Density	Up to 96 SC/APC Ports, 192 LC/UPC 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 (black powder coating)

Pre-Configured Part Numbers - Empty Wall Box

Part Number	Description
WNB-000-Z0Z-NVZ	Indoor Rated, 192 Max. Cap., No Fiber, No Connector Ports, High Density

Configured Part Numbers

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W
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-
N
V
XXXM or XXXF

1

2

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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
XXX = Port counts 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 = OM3
4 = OM4
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.



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Indoor 288-Port Wall Box



Technical Specifications

Indoor 288-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 SC/APC Ports, 288 LC/UPC 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 (black powder coating)

Pre-Configured Part Numbers - Empty Wall Box

Part Number	Description
WKB-000-Z0Z-NVZ	Indoor Rated, 288 Max. Cap., No Fiber, No Connector Ports, High Density

Configured Part Numbers

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W - - - - N V XXXM or XXXF

1 2 3 4 5 6 7

1 Select Wall Box Style

J = Patch Only
K = Patch and Splice
L = Tie Panel

2 Select Clearview Cassette

B = Clearview Blue

3 Select Port Count

XXX = Port counts 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 = OM3
4 = OM4
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.



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Indoor 288-Port Wall Box



Accessories

Note: Accessories may vary based on the saddle clamps used for patch only cables

Part Number	Description	Image
KCX-XAA	Ruggedized Splitter	
003711, 003716, 003717, 003721	Cable Clamps: 1/2", 3/4", 7/8", 1" (12mm, 19mm, 22mm, 25mm)	
003083	Velcro Strap	
005397, 008177, 004117	Sealcon 1", 25 mm	

Configured Part Numbers - Ruggedized Splitters

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K C - A A

1

2

1

Select (Qty) / Split Ratio

1 = (1) 1 x 32 7 = (4) 1 x 8
2 = (2) 1 x 16 8 = (1) 1 x 4
3 = (2) 1 x 8 9 = (2) 1 x 4
4 = (1) 1 x 16 A = (4) 1 x 4
5 = (1) 1 x 8 D = (1) 1x64
6 = (3) 1 x 8 G = (1) 1x2

2

Select Connector Style

A = SC/UPC
C = SC/APC
E = LC/UPC
G = LC/APC