![COMMSCOPE®]

FTTX Solutions

Hub in a Pedestal FDH

CommScope's FTTX infrastructure solutions are designed from the ground up to meet the unique requirements of FTTX networks. Designed for operational efficiency and scalability, CommScope's FTTX solutions simplify network installation, maintenance and management from the central office/head end to the outside plant.

Unlike traditional outdoor hubs which are typically deployed for neighborhoods of 144 homes or higher, the Hub in a Pedestal is right sized for rural landscapes numbering in size from 12 to 96 homes. Additionally, this field friendly unit is enclosed in a pedestal rather than in a metal cabinet and can be placed in the ground without pouring a concrete pad or installing a hand hole. This speeds deployment of fiber to the home and reduces overall project costs.

Modeled after CommScope's industry leading FDH 3000, the Hub in a Pedestal incorporates many of the same patented design features widely recognized and accepted by technicians including plug-and-play (PNP) splitter modules, parking lot storage and a swing frame to name a few. This new product offering features full size trays for splicing incoming feeder and outgoing distribution cables and the option of adding hardened drop connections directly from the pedestal, further supporting lower cost business models. With an efficient routing and cable management system, the Hub in a Pedestal will meet the challenges of any low count outside plant network.

BENEFITS

- Right sized to match up with phased fiber deployment in smaller or rural communities

- Pedestals offer more flexibility for installation locations compared to metal cabinets

- Field friendly design, craft Interface is similar to existing cabinet style offerings

- Reduced inventory by using same splitter module as larger FDH designs
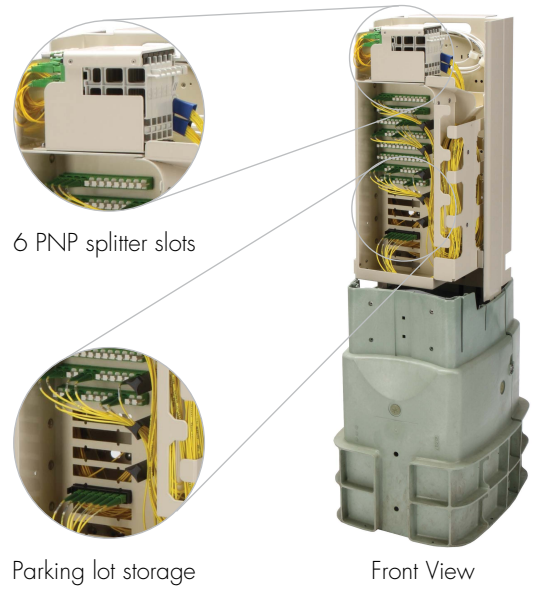
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Hub in a Pedestal FDH

Features

- Available in fiber counts from 12 to 96

- Swing frame access to distribution fibers

- Uses same cable management and splitter configuration as FDH 3000

- Parking lot storage: For up to 64 fibers

- Six available PNP splitter slots (3) 1x32 or (6) 1x16

- Integrated splicing for F1 and F2 fibers. Total of 5 full size splice trays

- Multiple cable clamps to support pass through cables

- Option to provide up to four hardened drop connections

- Barrier plate minimizes damage from ground moisture and rodents

- Dimensions (HxWxL)*: 35" x 11.5" x 14.5"option for customer to provide their own Proform 12 pedestal

HIP Savings

- Poured mounting pad not required

- Hand hole can be avoided

- Plug-and-play connections and accessible controls minimize technicians service time in the field

*Dimensions are above grade reference dimensions. Pedestal extends approximately 10" below grade

6 PNP splitter slots

Parking lot storage

Front View

Full size splice trays

Option to add hardened drops

Rear View

Ordering Information

FD3-P X X X X X X X X X X X X 0

Pedestal Type

A	Emerson Proform-12, includes ped
B	Emerson Proform-12, no ped

Distribution Fiber Count

012	12 fibers
024	24 fibers
036	36 fibers
048	48 fibers
060	60 fibers
072	72 fibers
096	96 fibers

Adapters/Connector Type Singlemode

J	SC/APC

Number of Splitter Modules*

0	0 splitter modules
1	1 splitter modules
2	2 splitter modules

* Splitter modules shipped along with hub, not installed in hub or can be ordered separately

Feeder Count

1	6 fibers
2	21 fibers

Cable Clamps

2	2 clamps provided
3	3 clamps provided
4	4 clamps provided
5	5 clamps provided

Number of Distribution Splice Trays

1	Capacity for 24 splices
2	Capacity for 48 splices
3	Capacity for 72 splices
4	Capacity for 96 splices

Feeder/Distribution Pigtail Type

U	Stranded pigtails
M	Ribbon Pigtails

Splitter Type Loaded

0	No splitters
A	1 x 32
C	1 x 16

Ordering Information

Description	Catalog Number
Distribution panel growth kit, includes 12 SC/APC adapters and pigtail assembly	FD3-PACCF2GRW
Splice Trays	
Capacity of 24 fibers with heat shrink fusion chips	FST-HS-48
Capacity of 24 fibers with mechanical chip for mass fusion splicing	FST-D-MT
Cable clamp kit, includes clamp, grommet and hardware for 1 cable	FAT-ACC001
Pedestal stake, for Emerson Proform-12 style pedestal	FD3-PACCSTK1
Hardened drop kit, Includes 4 adapter mounting plate, one hardened adapter, one jumper cable and one SC/APC adapter	FD3-PACCDRPBKT
Growth hardened drop adapter, Includes one hardened adapter, one jumper cable and one SC/APC adapter	FD3-PACCDRPGRW
Optical Plug-and-Play splitter modules with SC/APC connectors	
1x32, occupies one PNP splitter slot FPS-MPP1AJJ	FPS-MPP1AJJ
1x16, occupies one PNP splitter slot FPS-MPP1CJJ	FPS-MPP1CJJ
1x64, occupies two PNP splitter slots FPS-MPP1SJJ	FPS-MPP1SJJ

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PS-107400-AE (11/15)