

# The Future of Fiber Networks Start Here

FDH solutions offer a robust, technician-friendly and cost-effective solution for connecting feeder and distribution cables via optical splitters in FTTx networks. They are designed to meet and serve the unique installation, maintenance and service challenges service providers face in today’s competitive marketplace. They incorporate the four time-tested elements that have long impacted reliability, flexibility and operational costs within fiber networks:

- Bend radius protection
- Intuitive cable routing
- Easy fiber/connector access
- Physical protection

## FDH 4000 Solutions:

The sealed FDH 4000 is the first of a new line of fiber distribution hubs (FDHs) featuring higher fiber counts, smaller foot prints and improved mounting options. It brings high-density fiber connectivity to compact, weatherproof FOSC enclosure to help overcome increasingly restrictive permitting ordinances. The FDH 4000 incorporates the same craft-friendly, cable management feature as found in legacy FDH solutions.

Read more: [www.commscope.com](http://www.commscope.com)

## FDH 3000 Solutions:

FDH 3000 cabinets are a proven asset in today’s FTTH networks. With patented features such as The swing-out frame, plug-and-play splitter and WDM modules, sliding adapter packs and parking lots, the FDH 3000 helps service providers perform faster service turn ups and maintenance. With new mounting options, including a bottom-entry cable design and side mounting brackets, and double the splitter capacity, service providers have more options for adding fiber capacity to their network.

Read more: [www.commscope.com](http://www.commscope.com)



The Future of Fiber Networks Start Here  
Innovations at the Hub

[www.commscope.com](http://www.commscope.com)

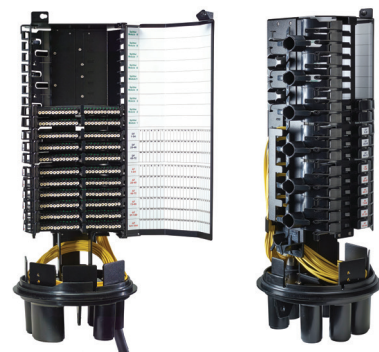
Visit our website or contact your local CommScope representative for more information.

© 2016 CommScope, Inc. All rights reserved.

FOSC and all trademarks identified by ® or ™ are registered trademarks or trademarks, respectively, of CommScope, Inc. This document is for planning purposes only and is not intended to modify or supplement any specifications or warranties relating to CommScope products or services.

PS-321385.1AE (01/16)





Compact Design

Overcomes space challenges in hand holes / strands, and offers less visual impact to meet aesthetic or security requirements.

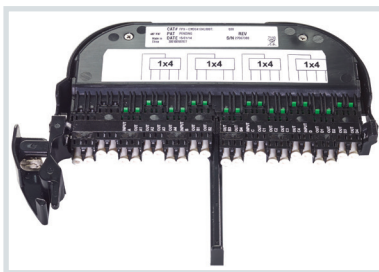
High Density

Scalable up to 144 distribution and 12-72 feeder ports (unused ports can be used for pass through applications).



Environmental Protection

Leverages FOSC hardened closure technology. Protects against harmful UV, chemicals and is sealed from air/water. Sealed for protection against air and water. Resist chemicals and fungus.



Plug-and-Play Splitters

Splitter modules with integrated connectors ensure the cables are kept in sequential order, and help prevent disruption to adjacent fibers during installation.



1.2mm Fiber Cable

Simplifies fiber management while maintaining performance of traditional fiber.

FDH INSTALLATION



The FDH can be installed in a vault, hand hole, or aerially via pole or strand.

INNOVATIONS AT THE HUB:  
FIBER DISTRIBUTION HUBS

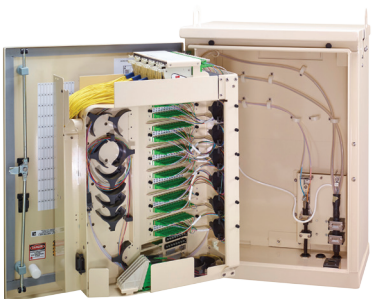
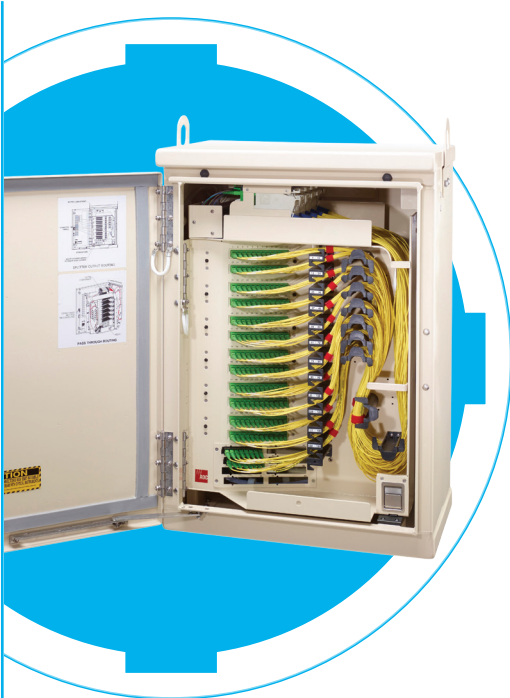


FDH 4000

The FDH 4000 is designed in a small, discrete enclosure with industry-leading port density. Sealed for protection from water and mud, the FDH 4000 can be installed in almost any location. Its small size overcomes space challenges in crowded hand holes and offers less visual impact to meet aesthetic and security requirements.

FDH 3000

Outdoor FDH 3000 cabinets are available in ground mount and pole mount configurations with 100' stubs, and ground mount with in-hub feeder/distribution splicing. Each cabinet features A swing frame, plug and play splitters and dust cap friendly parking lots.



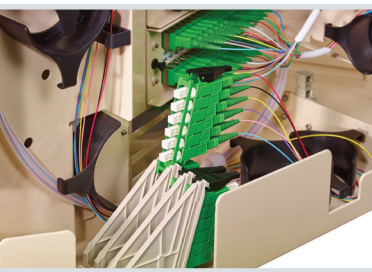
Swing-out Frame

Unique design ensures easy, all-front access of back of distribution panels and cables.



Plug-and-Play Splitter Modules

Industry leading splitter capacity. Unused splitter slots can be used for additional pass-throughs. Up to 48 plug-and-play splitter modules or WDM components to deliver even higher bandwidth services.



Pass-Throughs

Sliding adapter packs provide easy technician access to customer terminations for service turn ups.



Flexible Cable Entry

Top or bottom cable entry configurations accommodate pole & aerial applications.

FDH 3000 can be configured for indoor/outdoor, miniaturized, pedestal and in-hub distribution splice applications.

FDH CONFIGURATIONS



Mini FDH 3000

Hub in Ped

In-Hub Distribution Splicing