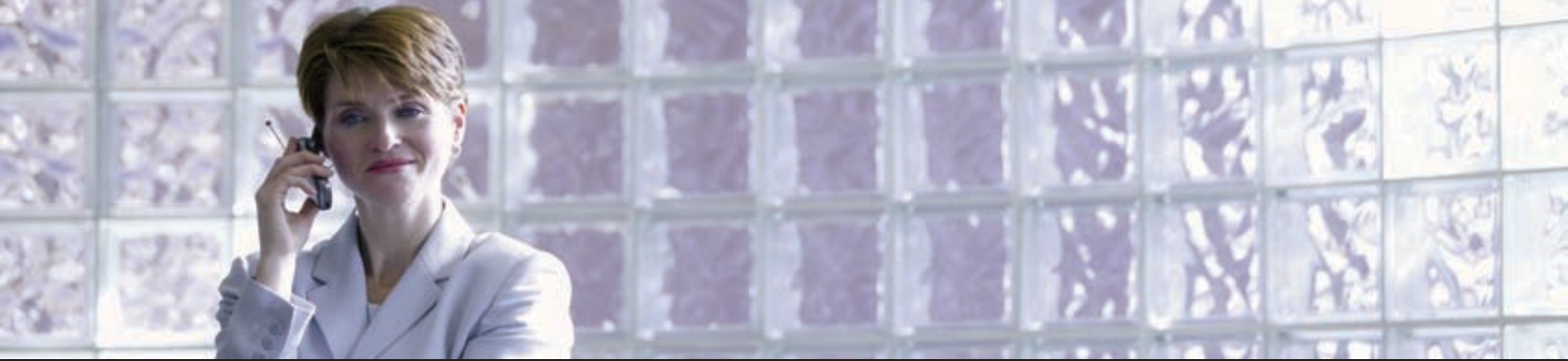


■ Outside Plant for  
Business-Critical Continuity

# NetSpan™ FDH Compact Series

*Integrated Fiber Distribution Hub Solution*





## Features & Benefits

### FDH Compact Series

- **Compact size** – less obstructive than traditional FDH cabinets, one-person installation
- **Direct buried application** – lower cost, no need for expensive pad
- **Pedestal mounting** – installed in our ProFORM® pedestal to provide flood proof protection and 2 layers of environmental protection
- **Vault pedestal option** – FDH Compact Series mounts directly on select manufacturer vault/hand-hole for fiber splicing
- **Internal hinged bulkhead panel** – for ease of maintenance/service
- **Available in 72, 96 and 144-fiber distribution** – for flexible applications
- **Standard pass-through ports** – permits the splitter to be bypassed in high bandwidth applications
- **Radius limiting spools** – improves fiber management and protects fiber
- **Splitter parking lot** – allows for docking of unused splitter ports
- **Preterminated fiber cables for distribution and feeder**
- **Fiber closure designed to GR-771 Telcordia requirements**

### Splitter Module

- High-density, high performance 1x32 modular optical splitter
- Preterminated with SC/APC connectors
- Bend insensitive fiber
- Pre-parked pigtailed for convenient fiber storage

## Description

The NetSpan™ FDH Compact Series of fiber distribution hub pedestals provides connections between fiber optic cables and passive optical splitters in the outside plant environment. This weather-tight fiber distribution hub closure integrated with our field proven ProFORM® pedestal offers an alternative to traditional FDH cabinets. The FDH Compact Series is smaller in size for a less obstructive closure, and includes 2-layers of environmental protection for flood proof features not found in traditional FDH solutions.

With its compact size and smaller distribution count, the NetSpan™ FDH Compact Series installs deeper into your FTTH architecture. Not only is this more flexible, but more economical to deploy. No need to incur the cost of digging and pouring a concrete pad, you directly bury the FDH pedestal, requiring only one craft-person for installation.

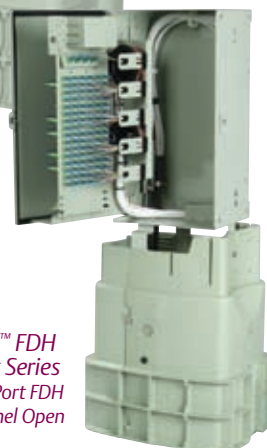
The series is available in 72, 96 or 144 port distribution with preterminated SC/APC 100' dielectric loose tube feeder and distribution cable stub as the standard configuration. The NetSpan™ FDH Compact Series is available empty or loaded with (1) 1x32 splitter module.



*NetSpan™ FDH  
Compact Series  
Pro12, 96 Port FDH*



*NetSpan™ FDH  
Compact Series  
Pro10, 72 Port FDH*



*NetSpan™ FDH  
Compact Series  
Pro12, 96 Port FDH  
Internal Panel Open*

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## Application

The NetSpan™ FDH Compact Series is ideal as a Local Convergence Point (LCP) for aggregation in a centralized splitting Passive Optical Network (PON) FTTx architecture. This solution is designed for above grade and flood proof applications.

### FDH Compact Series Specifications

	PRO10	PRO12	PRO12
Distribution Count	72	96	144
Distribution Cable Configuration (100 foot dielectric loose tube)	72-fiber	96-fiber	144-fiber
Feeder Cable Configuration (100 foot dielectric loose tube)	6-fiber	6-fiber	6-fiber
Splitter Module Capacity (1x32)	2	4	4
Splitter Parking Capacity	48-port	48-port	48-port

### Splitter Module Specifications: 1x32 SC/APC

Operating Wavelength	1260 – 1600 nm
Insertion Loss (includes loss from connector)	17.5 dB (max.) 17.0 dB (typ.)
Uniformity	≤ 1.5 dB
Return Loss	≥ 55 dB
Directivity	>60 dB
PDL (max.)	≤ 0.30 dB
Operating Temperature	-40°C to 85°C

### Ordering Information

Catalog Number	Part Number	Description
NSFDH1072AXX100D	F1008492	PRO10, 72 port FDH, 100' dielectric loose tube, SC/APC, no splitter included
NSFDH1072A1X100D	F1008640	PRO10, 72 port FDH, 100' dielectric loose tube, SC/APC, (1) splitter included
NSFDH10V72AXX100D	F1008733	PRO10 Vault Pedestal, 72 port FDH, 100' dielectric loose tube, SC/APC, no splitter included
NSFDH10V72A1X100D	F1008734	PRO10 Vault Pedestal, 72 port FDH, 100' dielectric loose tube, SC/APC, (1) splitter included
NSFDH1296AXX100D	F1008493	PRO12, 96 port FDH, 100' dielectric loose tube, SC/APC, no splitter included
NSFDH1296A1X100D	F1008660	PRO12, 96 port FDH, 100' dielectric loose tube, SC/APC, (1) splitter included
NSFDH12144AXX100D	F1008494	PRO12, 144 port FDH, 100' dielectric loose tube, SC/APC, no splitter included
NSFDH12144A1X100D	F1008641	PRO12, 144 port FDH, 100' dielectric loose tube, SC/APC, (1) splitter included
NSSPLT132AD	F1008495	1x32 splitter module, SC/APC for PRO10 FDH
NSSPLT132AE	F1008496	1x32 splitter module, SC/APC for PRO12 FDH

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