

# OmniReach® FTTX Solutions

## FDH 3000 Cross-Connect



ADC's OmniReach® FTTX Solutions are the industry's first infrastructure solutions designed from the ground up to meet the unique requirements of FTTX networks. Designed for operational efficiency and scalability, OmniReach solutions simplify FTTX network installation, maintenance and management from the central office/headend to the outside plant.

The OmniReach FDH 3000 Cross-Connect is designed to meet and serve the distinct needs of diverse markets and customer segments. The unique design of the FDH 3000 Cross-Connect provides for a rapid connection, facilitating fast service connection and reconfiguration, simplified network installations and improved installation efficiencies in the field.

SPEC SHEET

### Unique Design to Meet Diverse Customer Requirements

"Craft Friendly" to support both low and high-density applications, different network system designs, and diverse installation environments

### Flexible and Modular

Standardized modules and accessories for all FDH 3000 Cross-Connect cabinets

### Easy to Order

Streamlined configurations simplify the ordering process

### Incorporates ADC Quality and Innovation

ADC is a high quality, industry-leading brand you can rely on to future-proof your network, with a complete portfolio of FTTX products and services to ensure seamless deployment and maintenance over the life of the network

The FDH 3000 Cross-Connect incorporates four time-tested elements that have long impacted reliability, flexibility and operational costs within the central office:

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



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## FDH 3000 Cross-Connect

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### Features and Benefits

#### Three cabinet sizes

Small (72-288 fibers)  
Medium (72-432 fibers)  
Large (72-864 fibers)

#### Intelligent design

Allows for standardized modules and accessories across all cabinet sizes

#### Unique "swing-out frame" design

Allows for easy maintenance and access to back of modules and cables

#### Features discrete ground and cable location access

Allows for locating wires without entry into the cabinets

#### Integrated slack storage spools

Allows for storage of excess fiber while providing positive bend radius control

#### Angled bulkhead panels

Eliminates 90° bends and assists technician with routing

#### Pole mounting option

Available with small and medium termination models

#### Three-point latch

Provides weather-tight seal

#### Six-inch pad mount skirt

Included with all cabinets

#### Hand hole options

Available in polymer-concrete

#### NEMA-4 Design

Provides heavy duty protection from wind, rain and other contaminants

#### Accessible with standard 216B tool

Offers flexible security options, including pad lock provisions



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### Product Dimensions

Cabinet	Size (HxWxD)	Maximum Fiber Count	Access	Mounting Options	Splitter Slots	Cable Exit Location
Small (72-288)	30" x 27" x 18" (76.20 x 68.58 x 45.72 cm)	72-288 homes	all front	ground, pole	12	top or bottom
Medium (72-432)	41" x 27" x 18" (121.92 x 68.58 x 45.72 cm)	72-432 homes	all front	ground, pole	24	top or bottom
Large (72-864)	48" x 46" x 22" (121.92 x 116.84 x 55.88 cm)	72-864 homes	all front	ground	48	bottom





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## FDH 3000 Cross-Connect

### OmniReach FDH 3000 Cross-Connect Ordering Information

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Catalog Number	
F3X-	
<b>Cabinet Size</b>	
E	288 Cabinet 30"(H) x 27"(W) x 18"(D)
G	432 Cabinet 41"(H) x 27"(W) x 18"(D)
J	864 Cabinet 48"(H) x 46"(W) x 22"(D)
<b>Distribution Fiber Count</b>	
<b>Singlemode</b>	
072	72 Fiber Distribution
144	144 Fiber Distribution
216	216 Fiber Distribution
288	288 Fiber Distribution
360	360 Fiber Distribution
432	432 Fiber Distribution
504	504 Fiber Distribution
576	576 Fiber Distribution
648	648 Fiber Distribution
720	720 Fiber Distribution
792	792 Fiber Distribution
864	864 Fiber Distribution
<b>Adapter Style</b>	
N	SC/UPC
J	SC/APC
<b>Cable Configuration</b>	
J	Dielectric Loose Tube
G	Single Armor Loose Tube
T	Dielectric Ribbon
L	Single Armor Ribbon
<b>Cable Length</b>	
B	100 foot
E	300 foot
G	500 foot
<b>Cable 1 type</b>	
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution
<b>Cable 2 Type</b>	
O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution
<b>Cable 3 Type</b>	
O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution
<b>Cable 4 type</b>	
O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution
<b>Cable 5 Type</b>	
O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution
<b>Cable 6 Type</b>	
O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution



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## FDH 3000 Cross-Connect Accessories

### 216 Tools – Can Wrench Keys

#### Ordering Information

Description	Catalog Number
<b>Nickel plated brass can wrench key</b> For use in loosening/tightening security screws	OSP-216BKEY1
<b>Aluminum can wrench key</b> For use in loosening/tightening security screws	OSP-216BKEY2
<b>Plastic can wrench key</b> For use in loosening/tightening security screws	OSP-216BKEY3

### Cleaning Kits

#### Ordering Information

Description	Catalog Number
<b>Alcohol cleaning kit for cabinet connector and faces</b>	FPC-CLNKIT1

### Risers

Note: All FDH 3000 Cross-Connect cabinets ship with one riser.

#### Ordering Information

Description	Catalog Number
<b>6" ground spacer/riser for small (72-288 fibers) and medium (72-432 fibers) cabinets</b> Raises cabinet an additional 6"	FD3-RSRE06
<b>6" ground spacer/riser for large (72-864 fibers) cabinets</b> Raises cabinet an additional 6"	FD3-RSRJ06



# OmniReach® FTTX Solutions

## FDH 3000 Cross-Connect Accessories

### Hand Hole Kits

#### Ordering Information

Description	Catalog Number
Hand Hole and cover kit for small (72-288 fibers) and medium (72-432 fibers) cabinets	FMS-ACE100-KIT-A
Hand Hole and cover kit for large (72-864 fibers) cabinets	FMS-FD3J-KIT-A

### Pad Mount Frames

#### Ordering Information

Description	Catalog Number
Small (72-288 fibers) and medium (72-432 fibers) pad mount frame	FD3-PMFE06
Large (72-864 fibers) pad mount frame	FD3-PMFJ06

### Additional Panel Options

\*Additional configurations are available, please contact the ADC Technical Assistance Center

#### Ordering Information

Description	Catalog Number
<b>Single Armor Loose Tube</b> 72 position APC SC	FD3MOD-072JGAB
<b>Dielectric Loose Tube</b> 72 position APC SC	FD3MOD-072JJAB
<b>Single Armor Ribbon</b> 72 position APC SC	FD3MOD-072JLAB
<b>Dielectric Ribbon</b> 72 position APC SC	FD3MOD-072JTAB



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## SPEC SHEET



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