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

Recommended Jumper Lengths:

1.75 meter, 2mm RBR, for cabinet sizes 288 and 432
2 meter, 2mm RBR, for cabinet size 864

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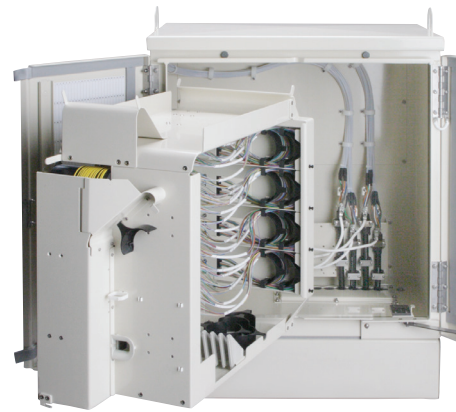
COMMSCOPE®

FTTX Solutions

FDH 3000 Cross-Connect

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.

The 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.

Features and Benefits

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 CommScope Quality and Innovation
CommScope 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 incorporates four time-tested elements that have long impacted reliability, flexibility and operational costs within the in fiber networks:

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

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

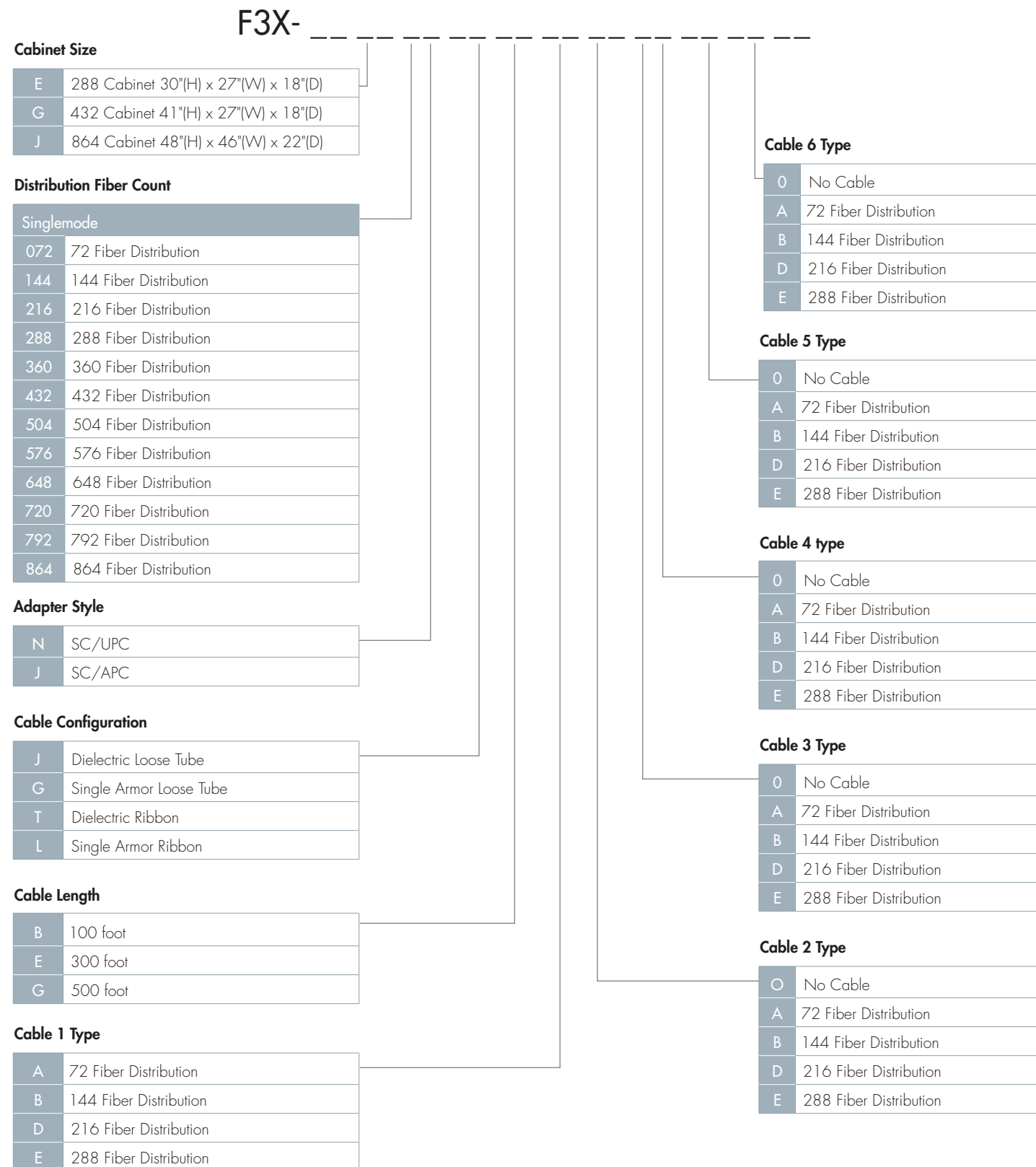### Hand hole options
Available in polymer-concrete

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

FDH 3000 Cross-Connect Ordering Information

F3X- __ __ __ __ __ __ __ __ __ __ __

Cabinet Size

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)

Distribution Fiber Count

Singlemode	
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

Adapter Style

N	SC/UPC
J	SC/APC

Cable Configuration

J	Dielectric Loose Tube
G	Single Armor Loose Tube
T	Dielectric Ribbon
L	Single Armor Ribbon

Cable Length

B	100 foot
E	300 foot
G	500 foot

Cable 1 Type

A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 6 Type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 5 Type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 4 type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 3 Type

0	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

Cable 2 Type

O	No Cable
A	72 Fiber Distribution
B	144 Fiber Distribution
D	216 Fiber Distribution
E	288 Fiber Distribution

* Distribution panels are loaded with 144 fiber groups first and 72 fiber groups last.

Ordering Information

Description		Catalog Number
216 Tools – Can Wrench Keys	Nickel plated brass can wrench key For use in loosening/tightening security screws	OSP-216BKEY1
	Aluminum can wrench key For use in loosening/tightening security screws	OSP-216BKEY2
	Plastic can wrench key For use in loosening/tightening security screws	OSP-216BKEY3
Cleaning Kits	Alcohol cleaning kit for connector end faces	FPC-CLNKIT1
	Almond touch up paint	ACE-ACC-PTALMD
Risers All FDH 3000 cross-connect cabinets ship with one riser.	6" ground spacer/riser for small (72-288 fibers) and; medium (72-432 fibers) cabinets; Raises cabinet an additional 6"	FD3-RSRE06
	6" ground spacer/riser for large (72-864 fibers) cabinets; Raises cabinet an additional 6"	FD3-RSRJ06
Cable Clamps	Small clamp	FD3-ACCSMCLMP
	Large clamp	FD3-ACCLGCLMP
	Spiral clamp	FD3-ACCMSPCLMP
	500 foot feeder cable for FDH 3000	FD3-ACCMPOCBL500
	750 foot feeder cable for FDH 3000	FD3-ACCMPOCBL750
Hand Hole Kits	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	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 CommScope's Technical Assistance Center.	Single armor loose tube 72 position APC SC	FD3MOD-072JGAB
	Dielectric loose tube 72 position APC SC	FD3MOD-072JJAB
	Single armor ribbon 72 position APC SC	FD3MOD-072JLAB
	Dielectric ribbon 72 position APC SC	FD3MOD-072JTAB
Miscellaneous and Legacy Accessories	Hex Key to open cabinet door Tamper resistant hex key (allen wrench), ACE cabinet	OSP-SECKEY1
	Replacement Door Handles	Door Latch kit (latch only) FDH 3000, FONS 1, 2 and 3 cabinets	FDH-ACCHNDLKT-3
		Handle replacement PFP cabinets	FDH-ACCPFP-HNDL-1
	CSX3/CSX2 cabinet adapter bracket for PNP splitters	Standard Bracket and cables for smaller CSX2 and CSX3 cabinets	FPS-ACCCSX3RETRO
		Standard Bracket with longer feeder cable for 576 and 864 CSX3/CSX2 cabinets	FPS-ACCCSX3/2F12