



A Furukawa Company

FDC 160 288 576 ORBITAL™ Optical Fiber Distribution Cabinets

Innovative Fiber Distribution Cabinets Specifically Designed for FTTx Splitter Applications



All ORBITAL FDCs, like the 288 version shown here, feature a revolutionary, radio fiber distribution configuration.

Features

Radial Distribution:

- Serves 160, 288 or 576 homes, depending on the version
- Provides short fiber runs
- Easy and intuitive fiber slack management
- Helps minimize fiber routing congestion
- Can reduce fiber parking for unused leads.

MPO 1x32 Splitters:

- Creates a high-density, low-loss splitter solution
- Universal face design fits many legacy LGX® Frame solutions
- Scalable usage with MPO to LC or SC fanouts.

Compact and Robust FDC Cabinet:

- Full front access solution
- Pre-connectorized cable installed for rapid deployment
- Versions 160 and 288 are pad and pole mountable – Version 576 is pad mountable
- Preconnectorized cables installed for rapid deployment
- Detailed labeling on front and rear for easy identification
- Scalable, upgrade system from ORBITAL FDC 288 to 576
- Designed for NEMA4.

Benefits

Easier and faster parking of unused splitter connections:

- The ORBITAL 576 FDC's modular design allows incremental provisioning of splitters that helps to reduce the amount of congestion inside the FDC
- Extensive and easily-accessible parking - up to 77% less parking required due to MPO fanout (Please note: when a fanout is added for a single subscriber, 7 connectors must be parked. Traditional splitter modules would require 31 connectors be parked)

Excellent optical performance:

- Best-in-class LCA connectors with lowest loss
- It uses thermally stable PLC devices from Furukawa Electric

More environmentally friendly cabinet size:

- Their small cabinet sizes are less visually disruptive to the environment and surrounding areas
- Some of the smallest cabinet volumes and heights available today in the market.

Available with more options:

- Choose the cable
- Choose the connector
- Over provisioned feeder can be added



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Benefits Cont.

Easier Splitter Upgrade:

- Splitter module with connector interface allows for potential splitter/optical path upgrades with minimal effort and/or disruption.

Unique Integrated Cross/Inter-Connect System:

- Unique optional path panels enable easy provisioning 24 businesses requiring dedicated connections.

Product Description

The ORBITAL FDCs solve the usual routing problems with a new and innovative fiber management system that combines a revolutionary radial fiber routing with our components' superior optical performance. The ORBITAL Cabinets represent the next generation in FTTx Splitter Management Systems.

Attributes

Physical Specifications:

FDC 160: 36" H x 24" W x 18" D

FDC 288: 36" H x 24" W x 18" D

FDC 576: 36" H x 48" W x 18" D

Physical Makeup:

FDCs 160 & 288:

- Front access door and rear access panel (can be padlocked for security)
- Pad mounting skirt for easy installation
- Removable rear panels allow the cabinet to slide over conduit, facilitating installation
- Aluminum construction and powder coat paint for long life cycle
- Radial configuration ensures intuitive fiber path routing
- Intuitive numbering system on front and rear of faceplate for easy identification.

FDC 576:

- Dual front and rear access panels (can be padlocked for security)
- Pad mounting skirt for easy installation
- Removable rear cable entry allows the FDC to slide over conduit, facilitating installation
- Aluminum construction and powder coat paint for long life cycle
- Dual radial configuration ensures intuitive fiber path routing
- Intuitive one-to-one numbering system on front and rear of faceplate for easy identification.



ORBITAL FDC 576 features dual front and rear access panels, that can be padlocked for security



ORBITAL FDC 288 shown in pole mount arrangement

For additional information please contact your sales representative.

You can also visit our website at www.ofsoptics.com or call 1-888-fiberhelp (1-888-342-3743) USA or 1-770-798-5555 outside the USA.



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