FDC 160 288 576 ORBITAL™ Optical Fiber Distribution Cabinets
Innovative Fiber Distribution Cabinets Specifically Designed for FTTH Splitter Applications

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
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.

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.