

CORE Telecom Systems is an Authorized VAR of OFS

FTTH Cabinet & Splitters



A Furukawa Company

ORBITAL™ FIBER DISTRIBUTION CABINET

(FDC) 160, 288, and 576

Our innovative ORBITAL Fiber Distribution Cabinets 160, 288, and 576 are designed to serve up to 160, 288 and 576 homes, business or multiple dwelling units, respectively. They feature OFS' unique splitter modules; full spectrum, low-loss PLC splitters; low-loss, high-performance LC and Multifiber Push-On (MPO) connectors; and MPO Fanout Jumpers, with bend-insensitive AllWave FLEX ZWP Fiber. In a dramatically improved fiber distribution design, the ORBITAL FDCs route all subscriber fibers from the splitter modules to a central cabinet, then to subscriber ports arranged in a circular array surrounding the cabinet.

Key Product Features

Radial Distribution:

- Intuitive, quick circuit provisioning
- Minimizes fiber routing congestion
- Reduces fiber parking for unused leads.

MPO 1x32 Splitters:

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

Innovative OFS Cabinets:

- Full front access solution
- Preconnectorized cable installed for rapid deployment
- Rear cable storage vault eliminates underground vault and closure
- Slab and pole mountable
- NEMA 4 design



MPO SPLITTER MODULE

The OFS MPO splitter module is available in multiple configurations to meet customer requirements. The OFS splitters also utilize Flame Hydrolysis Deposition (FHD) technology, ensuring improved thermal stability. Designed to meet the demanding requirements of both inside and outside plant applications, the splitter module meets Telcordia Technologies GR-1221-CORE and GR-1209-CORE Standards.

The 8-fiber MPO interface on the module output allows customers to minimize the numbers of cable sheaths exiting the module, thereby simplifying cable management.



RUGGEDIZED SPLITTER

The OFS Ruggedized PLC Splitter provides a truly flexible solution addressing the needs of today's FTTX networks. Combining the optical splitter expertise of Furukawa Electric with the connectivity and packaging capabilities of OFS, the ruggedized splitter offers superior optical performance in a flexible, yet easy-to-manage package. The use of this ruggedized splitter allows for rapid installation into traditional closure splice trays.



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