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Alpha® FPE Enclosure

Fibernode power cabinet with integrated fiber patch panel



- Designed for collocated power and fiber configurations that demand extended standby time
- Flexible configurations to accommodate multiple fiber deep applications
- 144F and 288F integrated fiber patch panel options
- Easy access to power supply and batteries from front of enclosure
- Access node and fiber management equipment from rear of enclosure
- Heavy duty node mounting brackets
- High security bar options available

Designed for collocated power and fiber node configurations, the Alpha® FPE enclosure provides a rugged outdoor solution for multiple outside plant and fiber deep applications.

The Alpha FPE enclosure series is flexible and provides modular expandability for Cable TV powering applications. The FPE enclosure is designed for the Alpha® XM3.1-HP™ broadband uninterruptible power supply (UPS) (3 and 5 Amp models) and up to two batteries for a 12VDC system. The FPE enclosure is a solution for the customers who choose to co-locate an optical (fiber) node and/or a splice enclosure with the power supply.

General Alpha® FPE Enclosure Specifications

Dimensions	42"H x 36"W x 32"D (1067 mm x 914 mm x 813 mm) With Pre-installed Pedestal Mount – 56"H x 36"W x 32"D (1422 mm x 914 mm x 813 mm)
Weight	145 lbs (66 kg) With Pre-installed Pedestal Mount – 173 lbs (78 kg)
Color	Sea Foam Green, Pine Green, White, Gray
Standard Features	Enclosure, system ground bar and removable / lockable doors, and module tray
Options	Strand mount bar and universal mounting bracket for optical node, fiber-loop kit, built in star pattern, and fan kit
Finish	Durable powder coat exterior
Material	Aluminum
Power Supply	Compatible with the Alpha XM3.1-HP™ 3 Amp and 5 Amp power supply
Batteries	1 or 2 batteries for a 12 VDC system, compatible with Alpha® AlphaCell® batteries.
Fiber Enclosure	Optional 144 or 288 fiber connections

Fiber Patch Panel Specifications

	144F	288F
Design Specs		
Splitter Module Quantity	4	8
Splitter Output Parking Capacity	128	192
Cabinet Fiber Capacity	144	288
Distribution Cable Type	ALTOS® Ribbon Loose Tube, Gel-Filled, Armored Cable	
Feeder Fiber Count	24	
Number of Distribution Cables	1	
Cable entry type	From behind	
Connector Configuration	SC	
Distribution Cable Configuration	1 pre-connectorized distribution cable	
Feeder or Pass Through Cable Type	ALTOS® Loose Tube Gel-Filled	
Splitter module category	1x32	
Number of Fibers in Input Cable	24	
Splitter Modules Capacity	Pre-connectorized (9) 1 x 32 Splitters	
Adapter Type	SC APC	
Dimensions (H x W x D)	475 mm x 470 mm x 136 mm	685 mm x 470 mm x 345 mm
General Specs		
Product Type	FTTx Cabinets	
Fiber Category	Single-Mode (OS2)	
Access Type	Front Access	
Application	Carrier Networks	
Mechanical and Connector Specs		
Number of Cables	2	
Connector Type	SC APC	
Polish	APC	
Standards		
RoHS	Free of hazardous substances according to RoHS 2011/65/EU	



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