

GEN III Series Outdoor Cabinets 432 F pole-mount without toning, 48 F feed, SST-Ribbon™, 1x432 F distribution ALTOS® ribbon, 31 m stubs, SC APC, no splitter



Part Number:
SAPP431C41A31Q4S00

The OptiTect® Local Convergence Cabinet, Gen III Series provides everything necessary to manage up to 432 fibers for an outside plant FTTx application. The OptiTect Local Convergence Cabinet, Gen III's industry leading size, user-friendly design and intuitive fiber management allow the customer to minimize field training, installation time and overall labor costs while increasing speed-of-deployment and revenue generation. Feeder and distribution fibers, as well as splitter modules, are all contained within a single, robust, pad- or pole-mounted enclosure to accommodate both aerial and buried cable applications. Cabinets are outfitted with factory-preconnectorized distribution and feeder cable(s), ensuring quick, easy and reliable field installation. OptiTect Local Convergence Cabinet, Gen III Series. Cabinets provide best-in-class fiber management and slack storage systems, which offer added protection for "live" subscribers. All splitter modules are compatible and interchangeable across all OptiTect Gen III Cabinets and the Eclipse® Hardware family. The modules meet applicable sections of Telcordia GR-1209-CORE and GR-1221-CORE. Each splitter module features connectorized inputs and outputs. Parking capacity is maximized with a dedicated parking door that offers quick field parking of new modules. Labels are included for easy identification of connectors and modules.

Features and Benefits

Industry-leading cabinet size

Significant freight, storage and installation efficiencies and improved aesthetics

Fully factory-stubbed cabinets

Enables quicker installation and rapid emergency restoration

Connectorized feeder and distribution fibers to coupler/splitter modules

No splicing after day one

Splitter modules are interchangeable within the Gen III Cabinet family and the Eclipse® Hardware family

Streamlines logistical needs, reducing part numbers and inventory

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CORNING

Specifications

General Specifications

Product Type	FTTx Cabinets
Fiber Category	Single-mode (OS2)
Mounting Type	Pole-mount

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Compliance	Not Available
Design and Test Criteria	Cabinets meet applicable sections of Telcordia GR-2898-CORE, GR-487-CORE, GR-63-CORE, GR-449-CORE

Design

Number of Distribution Cables	1x432
Maximum Amount of Splitter Modules	(14) 1x32 or dual 1x64(28) 1x8
Splitter Module Quantity	0
Splitter Output Parking Capacity	192
Cabinet Fiber Capacity	432
Number of Doors	1
Distribution Cable Type	ALTOS® Ribbon, Loose Tube, Gel-Filled
External Toning Option	No toning
Feeder or Pass Through Cable Type	SST-Ribbon™ Cables
Cabinet Color	Almond
Splitter module category	No splitter
Number of Fibers in Input Cable	48

Design - Adapter

Adapter Type	SC APC
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Mechanical Specifications

Feeder and Distribution Cable Length	31 m (101.68 ft)
Cabinet Skin Weight	36.3 kg

Connector Specs

Polish	APC
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Ordering Information

Product Number	SAPP431C41A31Q4S00
Package Contents	Stubbed Pole-Mount Cabinet; installation guide; 32 extra connector dust caps; grounding kit; pole-mount bracket kit (3 separate pieces make up kit); 2 lock washers, 3/8, SS for attaching pole-mount bracket; 2 flat washers, 3/8, SS for attaching pole-mount bracket; 2 carriage bolts, 3/8-16 x 1.0-in, SS for attaching pole-mount bracket; 2 hex-head nuts, 3/8-16, SS for attaching pole-mount bracket
Units per Delivery	1/1



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