

# 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



CORNING

**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

# 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



## 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

# 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



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

Connector Specs	
Polish	APC

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



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States  
 800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2026 Corning Optical Communications. All rights reserved.