GEN III Series Outdoor Cabinets

432 F pad-mount without toning, 48 F feed, SST-Ribbon™, 1x432 F distribution ALTOS® ribbon, 31 m stubs, SC APC, no splitter

CORNING

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 OptiTectGen 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.

Part Number: SAAP431C41A31Q4S00

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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Standards

Design and Test Criteria | Cabinets meet applicable sections of Telcordia GR-2898-CORE, GR-487-CORE, GR-63-CORE, GR-449-CORE

Specifications

General Specifications	
Application	Carrier Networks, CATV environments
Product Type	FTTx Cabinets
Fiber Category	Single-mode (OS2)
Mounting Type	Pad-mount

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

Mechanical Characteristics	
Cabinet Skin Weight	38.3 kg (85 lb)
Dimensions (HxWxD)	99.8 cm x 47 cm x 34.5 cm (39.3 in x 18.5 in x 13.6 in)
Feeder and Distribution Cable Length	100 ft (31 m)

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Design Adapter	
Adapter Type	SC APC

Ordering Information

Part Number	SAAP431C41A31Q4S00
Product Description	Gen III Series Outdoor Cabinet, 432 F pad-mount without toning, 48 F feeder SST-Ribbon™ cable, 1x432 F distribution ALTOS® ribbon cable, 31 m stubs, SC APC, no splitter
EAN Code	4056418190211

Shipping Information

Units per Delivery	1/1
Package Contents	Stubbed Pad-Mount Cabinet; installation guide; 32 extra connector dust caps; grounding kit; paper mounting template; rubber mounting cushion; 4 lock washers, 1/2, SS for pad mounting; 4 flat washers, 1/2, SS for pad mounting; 4 hex nuts, 1/2-13 x 0.75-in, SS for pad mounting; 4 hex bolts, 1/2-13 x 1.25-in, SS for pad mounting

RoHS COMPLIANT

CORNING