

# GEN III Series Outdoor Cabinets 288 F pad-mount without toning, 48 F feed, SST-Ribbon™, 1x288 F distribution ALTOS® ribbon, 31 m stubs, SC APC, no splitter

CORNING

**Part Number:**  
**SCAP431C41E31Q4S00**

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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## Specifications

|      |         |
|------|---------|
| ◆◆◆◆ |         |
| ◆◆◆◆ | FTTx ◆◆ |
| ◆◆◆◆ | ◆◆(OS2) |
| ◆◆◆◆ | ◆◆◆◆    |

|            |  |
|------------|--|
| ◆◆         |  |
| RoHS       | ◆◆◆◆◆◆◆◆RoHS 2011/65/EU                                      |
| Compliance | Not Available  |
| ◆◆◆◆◆◆◆◆   | ◆◆◆◆◆GR-2898-CORE, GR-487-CORE, GR-63-CORE, GR-449-CORE◆◆◆◆◆ |

|            |                          |
|------------|--------------------------|
| ◆◆         |                          |
| ◆◆◆◆       | 1x288                    |
| ◆◆◆◆◆◆◆◆◆◆ | (9) 1x32◆◆◆ 1x16(18) 1x8 |
| ◆◆◆◆◆      | 0                        |
| ◆◆◆◆◆◆◆◆◆◆ | 128                      |
| ◆◆◆◆◆◆◆◆   | 288                      |
| ◆◆         | 1                        |
| ◆◆◆◆◆◆◆    | ALTOS®◆◆◆, ◆◆◆◆, ◆◆◆◆◆   |
| ◆◆◆◆◆◆◆    | ◆◆◆◆◆                    |
| ◆◆◆◆◆◆◆◆◆◆ | SST-◆◆◆™ ◆◆◆             |
| ◆◆◆◆       | ◆◆                       |
| ◆◆◆◆◆      | ◆◆◆                      |
| ◆◆◆◆◆◆◆◆◆◆ | 48                       |

|           |        |
|-----------|--------|
| ◆◆ - ◆◆◆◆ |        |
| ◆◆◆◆◆     | SC APC |

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|                                      |         |
|--------------------------------------|---------|
| ◆◆◆◆                                 |         |
| Feeder and Distribution Cable Length | 31 m    |
| Cabinet Skin Weight                  | 31.8 kg |

|                        |     |
|------------------------|-----|
| <b>Connector Specs</b> |     |
| ◆◆                     | APC |

|          |   |
|----------|---|
| ◆◆◆◆     |   |
| ◆◆◆◆     | SCAP431C41E31Q4S00  |
| ◆◆◆◆◆◆   | Stubbed Pad-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; 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 |
| ◆◆◆◆◆◆◆◆ | 1/1   |



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