

# OptiSnap™ Connector, SC Organizer Pack, Single-mode (OS2) APC

CORNING

**Part Number:**  
**OSNP-SCA-900-Z**

With proven field-installable connector technology, fiber terminations using the OptiSnap™ connector system are fast, easy and reliable. Corning high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively. The Corning go/no-go feedback signal allows the installer to verify that the installation is performed right the first time, every time. Insert the fiber, activate the cam and watch the pass/fail light illuminate, instilling confidence in every connector installed. The factory-polished ceramic ferrule provides superior quality for end-face geometry. The single-mode OptiSnap™ Connector is available in an ultra physical contact (UPC) polish or an angled physical contact (APC) polish, offering you a higher grade of performance for your field terminations. With fast installation time and low insertion loss, the OptiSnap Connector system provides a good alternative to fusion splicing. Installation is as easy as strip, clean, cleave, cam and crimp.

## Features and Benefits

### **No-epoxy/no-polish or other consumables required**

Quick and easy installation, less than one minute per connector on average

### **100 percent factory tested for insertion loss**

Typical insertion loss of 0.2 dB for UPC and 0.3 dB for APC connectors

### **Factory-polished end face**

Low insertion loss and high-performance return loss

### **Reliable, proven mechanical splice technology**

Over 70 million connectors deployed in various applications

### **No need for electrical power for ovens or lights**

Reduces complexity



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## Specifications

| General Specifications |                              |
|------------------------|------------------------------|
| Fiber Category         | Single-mode (OS2)            |
| Product Type           | Field-Installable Connectors |
| Technology             | No-Epoxy/No-Polish           |

| Standards              |   |
|------------------------|---|
| RoHS                   | Free of hazardous substances according to RoHS 2011/65/EU |
| Approvals and Listings | Passed EIA/TIA 568-B.3                                    |

| Environmental Conditions     |                                   |
|------------------------------|-----------------------------------|
| Temperature Range, Operation | -40 °C to 75 °C (-40 F to 167 F ) |

| Design - Connector |           |
|--------------------|-----------|
| Connector Type     | SC        |
| Housing Color      | Green     |
| Housing Material   | Composite |
| Boot Color         | Green     |

| Mechanical Specifications - Connector |   |
|---------------------------------------|---|
| Cable Compatibility                   | 900 µm                                  |
| Nominal Fiber Outer Diameter          | 125 µm                                  |
| Tensile Strength Jacketed Cable       | 49.5 N (11.13 lbf)                      |
| Durability                            | < 0.2 dB change, 500 rematings, FOTP-21 |
| Tensile Strength 900 µm Cable         | 4.8 N (1.1 lb) change ≤ 0.2 dB          |

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## Optical Specifications - Connector

|                             |                               |
|-----------------------------|-------------------------------|
| Polish                      | APC                           |
| Reflectance                 | ≥ -40 dB (FBC-009 for 900 μm) |
| Insertion Loss, Typical     | 0.4 dB                        |
| Reflectance (angled cleave) | ≥ -55 dB (FBC-016 for 900 μm) |

## Ordering Information

|                    |  |
|--------------------|--|
| Product Number     | OSNP-SCA-900-Z   |
| EAN Code           | 4056418199498  |
| Packaging          | Organizer Pack   |
| Package Contents   | 25 connectors, 25 shrouds, 25 crimp bands, 25 boots (900 μm), 25 boots (3.0 mm), 25 boots (2.0 mm) |
| Units per Delivery | 25/1   |



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