# Optisnap Connectors LC, UPC, Organizer Pack, Single-mode (OS2)

CORNING

**Part Number:**
**OSNP-LCU-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.



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## Specifications

| General Specifications | |
|---|---|
| Product Type | Field-Installable Connectors |
| Fiber Category | Single-mode (OS2) |
| Compatibility | 900 µm |
| 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 | 0 °C to 60 °C (32 °F to 140 °F ) |

| Design - Connector | |
|---|---|
| Connector Type | LC |
| Housing Color | Blue |
| Boot Color | Blue |
| Ferrule Material | Ceramic |

| 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 | UPC |
| Reflectance | ≥ -32 dB (FBC-009 for 900 µm) |
| Reflectance (angled cleave) | ≥ -40 dB (FBC-016 for 900 µm) |

| Ordering Information | |
|---|---|
| Product Number | OSNP-LCU-900-Z |
| Packaging Method | Organizer Pack |
| Package Contents | 25 connectors, 25 triggers, 25 crimp bands, 25 boots (900 µm), 25 boots (3.0 mm), 25 boots (2.0 mm) |
| Units per Delivery | 25/1 |

RoHS COMPLIANT

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