OptiSnap® Connector, LC Organizer Pack, Single-mode (OS2) UPC

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. 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

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

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

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

Optical Specifications - Connector	
Insertion Loss, Max.	0.5 dB

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Optical Specifications - Connector

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

Ordering Information

Packaging	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

Environmental Conditions

Temperature Range, Operation	0 °C - 60 °C (32 °F - 140 °F)

Standards

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

RoHS COMPLIANT

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