

OptiSnap® Connector, SC

Organizer Pack, Single-mode (OS2) APC

CORNING

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.



Part Number: OSNP-SCA-900-Z

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

Standards

Intermateability

Connectors are FOCIS compliant with TIA/EIA 604-3 (SC), FOCIS 10 (LC)

Approvals and Listings

Passed EIA/TIA 568-B.3

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Specifications

General Specifications

Technology	No-Epoxy/No-Polish
Keyed	No
Product Type	Field-Installable Connectors
Packaging	Organizer Pack
Fiber Category	Single-mode (OS2)

Temperature Range

Operation	-40 °C to 75 °C (-40 °F to 167 °F)
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Design - Connector

Connector Type	SC
Ferrule Material	Ceramic
Housing Material	Composite
Housing Color	Green
Boot Color	Green

Mechanical Specifications - Connector

Durability	< 0.2 dB change by 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	49.5 N, change ≤ 0.2 dB (11.24 lb, change ≤ 0.2 dB)
Tensile Strength 900 µm Cable	4.8 N, change ≤ 0.2 dB (1.1 lb, change ≤ 0.2 dB)
Temperature Cycling	≤ 0.3 dB
Nominal Fiber Outer Diameter	125 µm
Cable Compatibility	900 µm

Optical Specifications - Connector

Insertion Loss, Typical	0.4 dB
Insertion Loss, Maximum	0.75 dB
Reflectance, -0°C to +60°C	≥ -40 dB (FBC-009, for 900 µm)
Reflectance (angled cleave), -0°C to +60°C	≥ -55 dB (FBC-016, for 900 µm)
Polish	APC

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Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Ordering Information

Part Number	OSNP-SCA-900-Z
Product Description	OptiSnap® Connector, SC APC, Single-mode (OS2), ceramic ferrule, organizer pack, green housing, green boot
EAN Code	4056418199498

Shipping Information

Units per Delivery	25/1
Package Contents	25 connectors, 25 shrouds, 25 crimp bands, 25 boots (900 µm), 25 boots (3.0 mm), 25 boots (2.0 mm)



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