

UniCam® Connector, SC Single-mode (OS2) APC

CORNING

Corning UniCam® SC connectors offer optical performance in a fast, easy field-termination solution ideal for fiber-to-the-workstation applications where setup and teardown time is critical. The high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively. Installation of an LC, SC or ST® compatible connector can be accomplished in about 50 seconds to one minute with the UniCam High-Performance Tool Kit.

The lightweight, handheld installation tool and high-performance precision cleaver virtually eliminate human variability during installation, ensuring terminations are right the first time, every time. This kit was designed with consideration for network installers, from the cleaver, with its intuitive, hand-held precision design and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal indicating proper mating of the field fiber to the fiber stub. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance assured. Every UniCam® connector is assured to meet the published specification at the time of installation or Corning will replace it.



Features and Benefits

Performance guaranteed

100 percent yield guarantee

Broad operating temperature range (-40°C to +75°C)

Utility and flexibility

Factory-polished end face

Consistent optical performance

Fast termination and no consumables

Low installation cost

Minimum insertion loss

Optimum optical performance

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Specifications

Mechanical Specifications - Connector

Nominal Fiber Outer Diameter	125 µm
Tensile Strength Jacketed Cable	44 N
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Tensile Strength 900 µm Cable	4.9 N (1.1 lb) change ≤ 0.2 dB, FOTP-6

Design - Connector

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

General Specifications

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

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Optical Specifications - Connector

Polish	APC
Insertion Loss, Max.	0.75 dB

Ordering Information

Packaging	Individual Pack
Package Contents	Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm)

Environmental Conditions

Temperature Range, Operation	-40 °C - 75 °C (-40 °F - 167 °F)
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Standards

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



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