

# UniCam® Connector, SC 50 µm multimode (OM3/OM4 compatible)

CORNING

**Part Number:**  
**95-050-41-X**

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

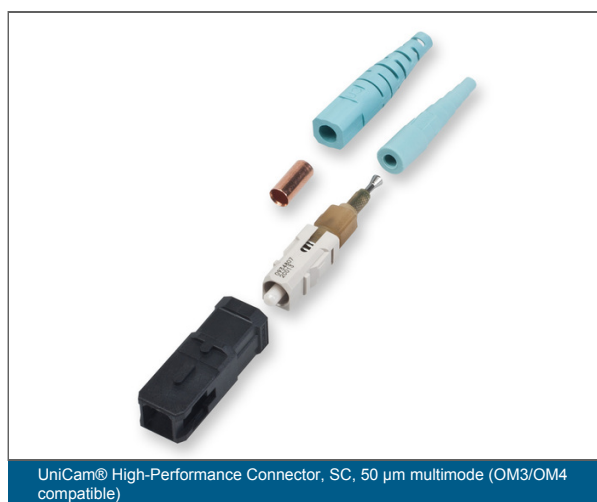
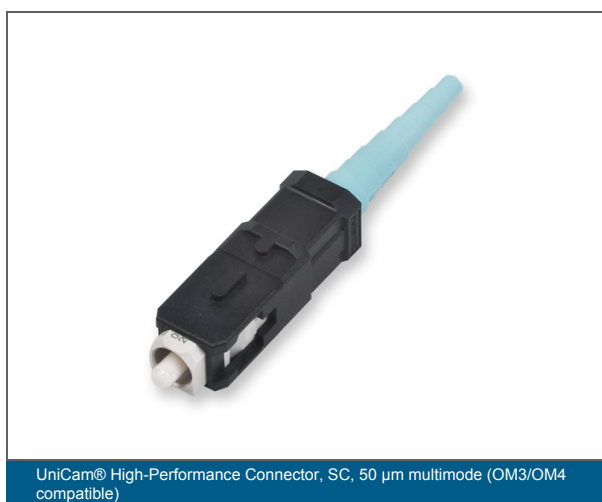
Consistent optical performance

### Fast termination and no consumables

Low installation cost

### Minimum insertion loss

Optimum optical performance



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## Specifications

### General Specifications

Fiber Category	50 µm MM (OM3/OM4)
Product Type	Field-Installable Connectors
Corning Logo	Yes
Keyed (security)	No
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 )
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### Design - Connector

Connector Type	SC
Housing Color	Black
Boot Color	Aqua
Ferrule Material	Ceramic

### Mechanical Specifications - Connector

Nominal Fiber Outer Diameter	125 µm
Tensile Strength Jacketed Cable	50 N (11.24 lbf)
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

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## Optical Specifications - Connector

Insertion Loss, Max.	0.5 dB
Insertion Loss, Typical	0.1 dB

## Ordering Information

Product Number	95-050-41-X
EAN Code	4042673619451
Packaging	Individual Pack
Package Contents	"Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm)"
Units per Delivery	1/1



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