

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

CORNING

**Part Number:**  
**95-200-41**

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 cleaver 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

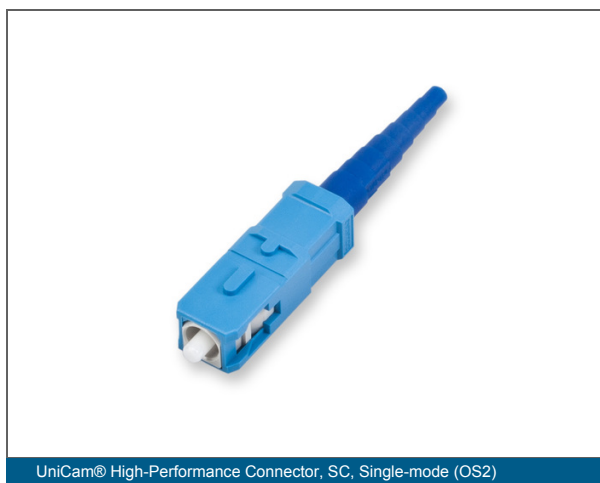
Consistent optical performance

### Fast termination and no consumables

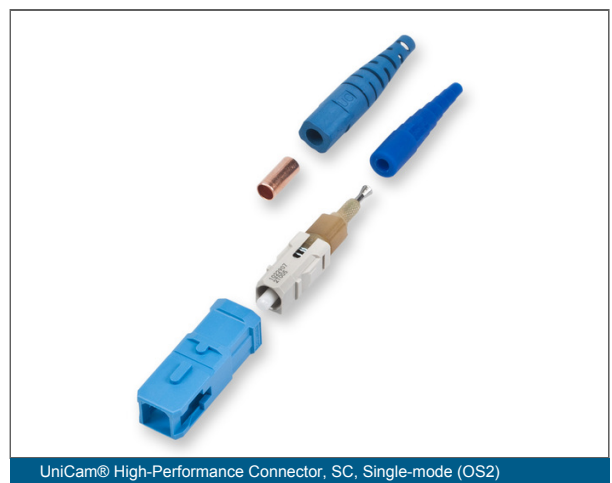
Low installation cost

### Minimum insertion loss

Optimum optical performance



UniCam® High-Performance Connector, SC, Single-mode (OS2)



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## Specifications

### General Specifications

|                  |                              |
|------------------|------------------------------|
| Product Type     | Field-Installable Connectors |
| Product Category | Core Product / FastShip      |
| Fiber Category   | Single-mode (OS2)            |
| 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 ) |
|------------------------------|-------------------------------------|

### Design - Connector

|                |      |
|----------------|------|
| Connector Type | SC   |
| Housing Color  | Blue |
| Boot Color     | Blue |

### Mechanical Specifications - Connector

|                                 |   |
|---------------------------------|---|
| Nominal Fiber Outer Diameter    | 125 µm                                  |
| Tensile Strength Jacketed Cable | 44 N (9.89 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

|                      |          |
|----------------------|----------|
| Polish               | UPC      |
| Insertion Loss, Max. | 0.5 dB   |
| Reflectance          | < -55 dB |

## Ordering Information

|                    |   |
|--------------------|---|
| Product Number     | 95-200-41   |
| Package Contents   | Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm) |
| Packaging Method   | Individual Pack   |
| Units per Delivery | 1/1   |



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