

# UniCam® Connector, LC

50 µm multimode (OM2)

CORNING

Corning UniCam® LC connectors offer optical performance in a fast, easy field-termination solution ideal for fibre-to-the-workstation applications where setup and teardown time is critical. The high-precision mechanical splice technology enables fibre 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 fibre to the fibre 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.

Corning UniCam® high-performance connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision zirconia ceramic ferrule connectors assured exceptional insertion loss – 0.1 dB typical/0.5 dB maximum per connector pair for multimode, 0.2 dB typical/0.5 dB maximum per connector pair for single-mode. 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.

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## Features and Benefits

**Performance guarantee**  
100 percent yield guarantee

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## Features and Benefits

### Broad operating temperature (-40° 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

## Standards

**Approvals and Listings** Passed EIA/TIA 568-B.3

**Intermateability** Connectors are FOCIS compliant with TIA/EIA 604-10A and IEC61754-20

## Specifications

| General Specifications |                              |
|------------------------|------------------------------|
| Technology             | No-Epoxy/No-Polish           |
| Keyed                  | No                           |
| Product type           | Field-Installable Connectors |
| Corning Logo           | Yes                          |
| Packaging              | Single Pack                  |
| Fibre Category         | 50 µm MM (OM2)               |
| Product category       | Core product / Fastship      |

| Temperature Range |  |
|-------------------|--|
| Operation         | -40 °C to 75 °C exceeding EIA/TIA 568-B.3 (-40 °F to 167 °F exceeding EIA/TIA 568-B.3) |

| Design - Connector |           |
|--------------------|-----------|
| Connector Type     | LC        |
| Ferrule Material   | Ceramic   |
| Housing material   | Composite |

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## Design - Connector

|                |       |
|----------------|-------|
| Housing Colour | black |
| Boot colour    | black |

## Mechanical Specifications - Connector

|                                 |  |
|---------------------------------|--|
| Durability                      | ≤ 0.2 dB change by 500 rematings, FOTP-21                        |
| Temperature cycling             | ≤ 0.3 dB IL, -40° to +75°C, 21 cycles                            |
| Nominal fibre outer diameter    | 125 µm   |
| Tensile strength jacketed cable | 50 N, change ≤ 0.2 dB, FOTP-6 (11 lb, change ≤ 0.2 dB, FOTP-6)   |
| Tensile strength 900 µm cable   | 4.9 N, change ≤ 0.2 dB, FOTP-6 (1.1 lb, change ≤ 0.2 dB, FOTP-6) |

## Optical Specifications - Connector

|                         |              |
|-------------------------|--------------|
| Insertion loss, typical | 0.1 dB       |
| Insertion Loss, Maximum | 0.5 dB       |
| Reflectance             | ≤ -26,000 dB |

## Chemical Characteristics

|      |   |
|------|---|
| RoHS | Free of hazardous substances according to RoHS 2011/65/EU |
|------|---|

## Ordering Information

|                     |  |
|---------------------|--|
| Part Number         | 95-050-99  |
| Product Description | UniCam® High-Performance Connector, LC, 50 µm multimode (OM2), ceramic ferrule, logo, single pack, black housing, black boot |
| EAN Code            | 4042673619413  |

## Shipping Information

|                    |   |
|--------------------|---|
| Units Per Delivery | 1/1   |
| Package Contents   | Connector, Trigger, Crimp Band, Boot (900 µm), Boot (3.0 mm), Boot (2.0 mm) |

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The logo consists of a solid blue square with the word "CORNING" written in white, uppercase, sans-serif font in the center.

## Notes



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