

# UniCam® High-Performance Connectors, LC

Single-mode (OS2)

CORNING

Corning Cable Systems UniCam® High-Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision connectors guarantee exceptional insert loss – 0.1 dB typical/0.5 dB maximum per connector pair for multi-mode, 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 45 seconds with the UniCam High-Performance Tool Kit. The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are right, the first time, every time. This kit was designed with consideration for the network installers, from the cleaver, with its integrated fiber scrap bin and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam Connector is guaranteed to meet the published specification at the time of installation or Corning Cable Systems will replace it.



## 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

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

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

# UniCam® High-Performance Connectors, LC

Single-mode (OS2)

CORNING

## Specifications

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

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 A	
Connector Type	LC
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Blue
Boot Color	Blue

Mechanical Specifications - Connector A	
Durability	≤ 0.2 dB change by 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	44 N, change ≤ 0.2 dB, FOTP-6 (10 lb, change ≤ 0.2 dB, FOTP-6)
Tensile Strength 900μ Cable	2.2 N, change ≤ 0.2 dB, FOTP-6 (0.5 lb, change ≤ 0.2 dB, FOTP-6)
Temperature Cycling	≤ 0.3 dB IL, -40° to +75°C, 21 cycles
Nominal Fiber Outer Diameter	125 μm

# UniCam® High-Performance Connectors, LC

Single-mode (OS2)

CORNING

## Optical Specifications - Connector A

Insertion Loss, Typical	0.2 dB
Insertion Loss, Max.	0.5 dB
Reflectance	-55 dB
Polish	UPC

## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
------	---

## Ordering Information

Part Number	95-200-99
Product Description	UniCam® High-Performance Connector, LC, Single-mode (OS2), ceramic ferrule, logo, single pack, blue housing, blue boot

## Shipping Information

Units per Delivery	1/1
Package Contents	Connector, trigger, crimp band, boot (900 µm), boot (3.0 mm), boot (2.0 mm)



Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/cablesystems](http://www.corning.com/cablesystems)

A complete listing of the trademarks of Corning Cable Systems is available at [www.corning.com/cablesystems/trademarks](http://www.corning.com/cablesystems/trademarks).

Corning Cable Systems is ISO 9001 certified. © 2012 Corning Cable Systems. All rights reserved.

CORNING