

# UniCam® Connector, LC, Organizer Pack

CORNING

Corning's UniCam® high-performance connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision zirconia ceramic ferrule connectors provide an exceptional insertion loss - 0.2 dB typical/0.5 dB maximum per connector pair for multimode, 0.3 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.

The lightweight, hand-held 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 intuitive, hand-held precision cleaver with dual-clamp arms, 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.

Organizer packs include 900 µm boots only.



## 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® Connector, LC, Organizer Pack

CORNING

## Standards

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

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

## Specifications

### General Specifications

Keyed (security) No

Product Type Field-Installable Connectors

Technology No-Epoxy/No-Polish

### Environmental Conditions

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

### Design Connector

Part Number	Connector Type	Ferrule Material	Housing Material	Boot Color	Housing Color
95-000-99-Z	LC	Ceramic	Composite	Beige	Beige
95-050-99-X-Z	LC	Ceramic	Composite	Aqua	Black
95-050-99-Z	LC	Ceramic	Composite	Black	Black
95-200-94-Z	LC	Composite	Composite	Green	Green

# UniCam® Connector, LC, Organizer Pack

CORNING

## Design Connector

Part Number	Connector Type	Ferrule Material	Housing Material	Boot Color	Housing Color
95-200-99-Z	LC	Composite	Composite	Blue	Blue

## Optical Specifications Connector

Part Number	Insertion Loss, Max.	Polish	Fiber Category
95-050-99-Z	0.5 dB		50 µm MM (OM2)
95-050-99-X-Z	0.5 dB		50 µm MM (OM3/OM4)
95-000-99-Z	0.5 dB		62.5 µm MM (OM1)
95-200-94-Z	0.75 dB	APC	Single-mode (OS2)
95-200-99-Z	0.5 dB	UPC	Single-mode (OS2)

## Mechanical Specifications - Connector

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

# UniCam® Connector, LC, Organizer Pack



## Ordering Information

Part Number	Package Contents
95-000-99-Z	25 connectors, 25 triggers, 25 boots (900 µm)
95-050-99-X-Z	25 connectors, 25 triggers, 25 boots (900 µm)
95-050-99-Z	25 connectors, 25 triggers, 25 boots (900 µm)
95-200-99-Z	25 connectors, 25 triggers, 25 boots (900 µm)

## Shipping Information

Part Number
95-000-99-Z
95-050-99-X-Z
95-050-99-Z
95-200-94-Z
95-200-99-Z



Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC • 28216 • United States  
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [www.corning.com/opcomm](http://www.corning.com/opcomm)

A complete listing of the trademarks of Corning Optical Communications is available at [www.corning.com/opcomm/trademarks](http://www.corning.com/opcomm/trademarks). All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified. © 2019 Corning Optical Communications. All rights reserved.