

# UniCam® Secure Keyed LC Connector, organizer pack, 62.5 µm multimode (OM1) Yellow

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## Part Number: 95-05X-KY-Z

Corning secure keyed LC connector solution offers mechanical network security for organizations desiring to segregate networks due to privacy or security concerns. Utilizing the LC small-form-factor (SFF) format for optical fiber cabling, the keyed LC solution provides physical separation for up to eight networks, applications, or organizations. Eight color-coded key combinations prevent inadvertent or unauthorized access to networks and provide fast and easy network identification. Keyed connectors on the front and back of the patch panel area are used to match access rights to the proper network. The keyed features cannot be duplicated with standard LC components, thereby preventing violation of network security.



## Features and Benefits

### Keyed connector solution

Front and rear security in network panel

### Eight color-coded mechanical key positions

Prevents mismatch of networks

### 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

### Mechanical Specifications - Connector

Nominal Fiber Outer Diameter	125 µm
Tensile Strength Jacketed Cable	50 N
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

### Design - Connector

Connector Type	LC
Housing Color	Yellow
Housing Material	Composite
Boot Color	Yellow
Ferrule Material	Ceramic

### General Specifications

Fiber Category	50 µm MM (OM3/OM4/OM4+)
Product Type	Field-Installable Connectors
Corning Logo	Yes
Keyed (security)	Yes
Technology	No-Epoxy/No-Polish

### Optical Specifications - Connector

Insertion Loss, Max.	0.5 dB
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## Ordering Information

Packaging	Organizer Pack
Package Contents	25 keyed connectors, 25 triggers, 25 boots (900 µm)
Units per Delivery	25/1

## Environmental Conditions

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

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Passed EIA/TIA 568-B.3



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