

UniCam® Secure Keyed LC Connector, 50 µm multimode (OM3/OM4/OM4 extended 10G distance) Yellow

CORNING

Part Number:
95-05X-KY

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

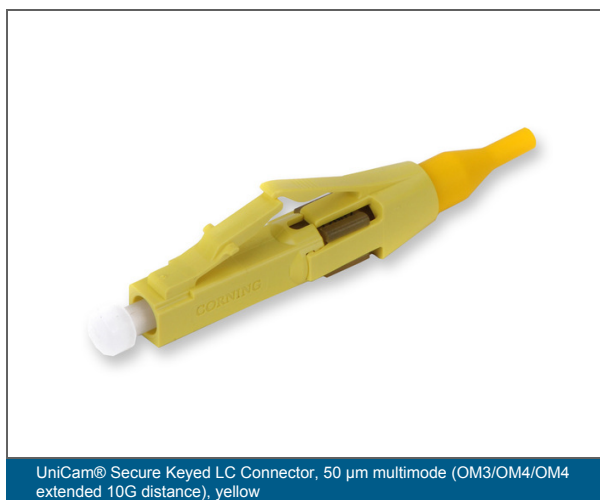
Consistent optical performance

Fast termination and no consumables

Low installation cost

Minimum insertion loss

Optimum optical performance



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Specifications

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

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)
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Design - Connector

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

Mechanical Specifications - Connector

Nominal Fiber Outer Diameter	125 µm
Tensile Strength Jacketed Cable	50 N (11.24 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

Insertion Loss, Max.	0.75 dB
Insertion Loss, Typical	0.3 dB

Ordering Information

Product Number	95-05X-KY
EAN Code	4056418200132
Packaging	Individual Pack
Package Contents	"Keyed connector, trigger, crimp band, boot (900 µm), boot (3.0 mm), boot (2.0 mm)"
Units per Delivery	1/1



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