

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

Yellow

CORNING

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 (-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



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Specifications

General Specifications	
Technology	No-Epoxy/No-Polish
Keyed	Yes
Product Type	Field-Installable Connectors
Corning Logo	Yes
Packaging	Single Pack
Fiber Category	50 μ m MM (OM3/OM4/OM4 extended 10G distance)

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
Housing Color	Yellow
Boot Color	Yellow

Mechanical Specifications - Connector	
Durability	≤ 0.2 dB change by 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	50 N, change ≤ 0.2 dB, FOTP-6 (11 lb, change ≤ 0.2 dB, FOTP-6)
Tensile Strength 900 μ m Cable	4.9 N, change ≤ 0.2 dB, FOTP-6 (1.1 lb, change ≤ 0.2 dB, FOTP-6)
Nominal Fiber Outer Diameter	125 μ m

Optical Specifications - Connector	
Insertion Loss, Typical	0.3 dB
Insertion Loss, Maximum	0.75 dB
Reflectance	≤ -26 dB

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Chemical Characteristics

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

Part Number	95-05X-KY
Product Description	UniCam® Secure Keyed LC Connector, 50 µm multimode (OM3/OM4/OM4 extended 10G distance), ceramic ferrule, single pack, yellow housing, yellow boot
EAN Code	4056418200132

Shipping Information

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



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