

## Applications

- Main cross-connect, intermediate cross-connect, horizontal cross-connect, direct connect to electronics and workstation
- Ideal for fiber-to-the-workstation applications where installation setup and teardown time is critical
- Small-form-factor field-installable connectors

## Description

With proven UniCam® Connector technology, fiber terminations are easy. The Corning Cable Systems patented, high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively.

The patent-pending Corning Cable Systems Continuity Test Set (CTS) allows the installer to verify that the installation was performed right, the first time, every time. Insert the fiber, rotate the cam and watch the light change, giving you confidence in every connector installed.

The UniCam LC Connector boasts all the benefits of the UniCam SC Connector, but in only half the size. The connector may be used with any LC adapter, is suitable for making custom-length jumpers and is compatible with many different cable types.

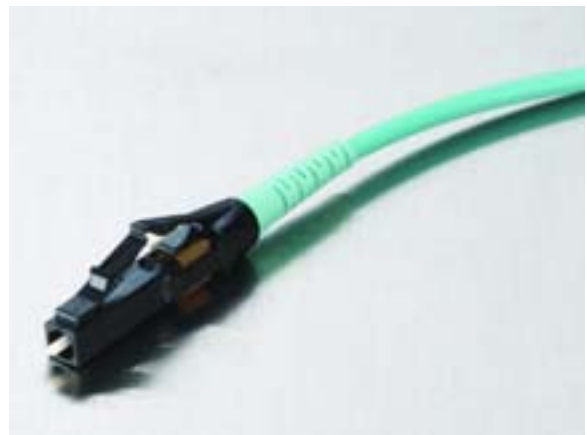
Installation is as easy as strip, clean, cleave, cam and crimp.

## Features / Benefits

- Spring-loaded ferrule allows use directly into transceivers
- Fastest termination, high installation yields and no consumables means lowest installed cost
- Continuity Test Set gives immediate go/no-go feedback of successful termination
- Compatible with any industry-standard LC adapter
- Quick installation: less than one minute per connector
- No epoxy, no polish
- No need for electrical power for ovens or lights



UniCam LC Connectors Family | LAN626



UniCam LC Laser-optimized Multimode Connector | LAN627



TKT-UNICAM Elite Tool Kit | LAN595

### Features / Benefits (continued)

- Average 0.2 dBm insertion loss (0.5 dBm) for UniCam LC Laser-Optimized Connector when installed using the UniCam Elite Tool Kit
- Factory-polished end-face for consistent optical performance, and factory-built jumper quality
- 100% factory tested for insertion loss
- Reliable, proven technology with more than 30 million units sold since 1993.

### Specifications

Fiber	Part Number	Insertion Loss Average (-dB) <sup>1</sup>	Reflectance (dB) <sup>2</sup>	Housing Color Code	Boot Color <sup>3</sup>
62.5 μm MM	95-000-99	0.3	≤ -20	Beige	Black
50 μm MM	95-050-99	0.3	≤ -20	Black	Black
50 μm LOMMF	95-050-99-X	0.3	≤ -26	Black	Aqua
SM	95-200-99	0.3	-55 Typical	Blue	Blue

Parameter	Description
<b>Intermateability</b>	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC)
<b>Qualification</b>	Passed EIA/TIA 568.B.3
<b>Insertion Loss (95-050-99-X)</b>	0.2 dB average, 0.5 dB max, for LOMMF when installed using the TKT-UNICAM-Elite Tool Kit
<b>Durability</b>	≤ 0.2 dB change, 500 rematings, FOTP-21
<b>Tensile Strength</b>	10 lb ≤ 0.2 dB change, FOTP-6 on jacketed cable
<b>Operating Temperature</b>	0° to 60°C per EIA/TIA 568-B.3
<b>Nominal Fiber OD</b>	125 μm

LOMMF = Laser-optimized multimode fiber

## Ordering Information

Part Number	Description
95-200-99	UniCam® LC Connector, 8.3 μm fiber, SM, ultra physical contact polish, ceramic ferrule, single pack, blue housing, blue 900 μm, 2.0 mm and 2.9 mm boots
95-050-99-X	UniCam LC Connector, 50 μm laser-optimized MM fiber, ceramic ferrule, single pack, black housing, aqua 900 μm, 2.0 mm and 2.9 mm boots
95-050-99	UniCam LC Connector, standard 50 μm MM fiber, ceramic ferrule, single pack, black housing, black 900 μm, 2.0 mm and 2.9 mm boots
95-000-99	UniCam LC Connector, 62.5 μm MM fiber, ceramic ferrule, single pack, beige housing, black 900 μm, 2.0 mm and 2.9 mm boots

## Tool Kits and Accessories

Part Number	Description
TKT-UNICAM-ELITE	UniCam Connector Elite™ Installation tool Kit, includes Continuity Test Set, Elite Tool Kit cleaver, VFL-350, and all required installation tools
TKT-UNICAM-CTS-SF	Single-Fiber UniCam Connector Installation Tool Kit; with Continuity Test Set (VFL included), includes all basic installation tools
TEST-UNICAM-CTS-SF	Single-Fiber Continuity Test Set (VFL sold separately)
TER-CTS-LC	Continuity Test Set Adapter for LC connectors
TL-UC01	UniCam Connector Elite Tool Kit Installation Tool
VFL-350	Visual Fault Locator
95-400-11-BP3B	2.9 mm LC Boot, black, bulk pack of 100 boots
95-400-11-BP3N	2.9 mm LC Boot, blue, bulk pack of 100 boots

### Notes:

<sup>1</sup> All insertion loss values given for installation with the UniCam Connector Elite Installation Tool Kit, mated to a master reference jumper, terminated on Corning Cable Systems TBII® Buffered Fiber, and tested according to Corning Cable Systems recommended procedures.

<sup>2</sup> Reflectance values for SM are for 18° to 26° C.

<sup>3</sup> LC Connectors are sold with one 900 μm boot and one 2.0/1.6 boot, and one 2.9 mm boot

# UniCam® LC Connectors

A LANscape® Pretium™ Solutions Product

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