

# UniCam® Multimode Connectors

A LANscape® Solutions Product

Corning Cable Systems

**LANscape®**

Fiber Cabling Solutions for Premises Networks

The UniCam® connector is the ideal solution for all your field-installable multimode and single-mode fiber optic connector requirements. The quick installation reduces the total installed cost of connectorization, making the UniCam connector cost-effective for all fiber applications, from the main cross-connect to the workstation.

The UniCam connector can best be described as a mini pigtail. It incorporates a factory-installed fiber stub that is fully bonded in the ferrule. The other end is precisely cleaved and placed into the patented alignment mechanism of our mechanical splice. Both the field fiber and fiber stub are fully protected from environmental factors. Unlike other no-epoxy, field-installable connectors, the UniCam connector requires no polishing.

## APPLICATIONS

- Main cross-connect, intermediate cross-connect, horizontal cross-connect, and workstation
- Maintenance and restoration of building cable
- Ideal for fiber-to-the-desktop where installation set-up and tear-down time is critical



- Compliant with ANSI/TIA/EIA-568-B.3
- Economical cost for all fiber terminations
- Fastest termination time in the industry
- Low labor and no consumables for reduced total cost
- Minimal tool kit, reduced set-up time; universal assembly tool terminates all UniCam Connector styles
- Proven performance

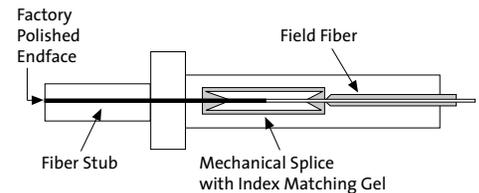
## FEATURES AND BENEFITS



## SPECIFICATIONS

Parameter	Specification
Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-2 (ST® compatible), 604-3 (SC), and 604-4 (FC)
Insertion Loss	0.3 dB typical, FOTP-171
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Tensile Strength	10 lb ≤ 0.2 dB change
Temperature Cycling	≤ 0.3 dB change, -40 to +75°C; 21 cycles
Nominal Fiber OD	125 μm
Materials	Ferrule: Composite or Ceramic Housing: Composite

UniCam Connector  
Cross-section



## ORDERING INFORMATION

### Connector Parts

Part Number	Description
95-000-40	UniCam® SC Multimode Connector for 62.5 μm fiber with composite ferrule
95-000-41	UniCam SC Multimode Connector for 62.5 μm fiber with ceramic ferrule
95-050-41	UniCam SC Multimode Connector for 50 μm fiber with ceramic ferrule
95-400-03-BP	SC Duplex Clip, bulk packaged in quantities of 100
95-000-50	UniCam ST Compatible Multimode Connector for 62.5 μm fiber with composite ferrule
95-000-51	UniCam ST Compatible Multimode Connector for 62.5 μm fiber with ceramic ferrule
95-050-51	UniCam ST Compatible Multimode Connector for 50 μm fiber with ceramic ferrule
95-000-61	UniCam FC Multimode Connector for 62.5 μm fiber with ceramic ferrule
95-050-61	UniCam FC Multimode Connector for 50 μm fiber with ceramic ferrule

### Accessories

Part Number	Description
TKT-UNICAM*	Installation Kit for single-fiber and 2-fiber UniCam connectors, terminates single-fiber ST compatible, SC, and FC as well as 2-fiber MT-RJ UniCam connectors.
2109002-01	Enhanced UniCam Connector Installation Tool (compatible with Continuity Test Set)
3201007-01	UniCam Connector Kevlar Retention Crimp Tool
FBC-001	Score and Snap Cleaver

\* These products are also available in international versions (with a PAL video) by adding -INT to the part number.

Note: All tools work with the appropriate SM and MM versions of the UniCam connector. They are not compatible with the original ST compatible or FC CamLite® connectors (95-000-20, 21 or 95-200-21 or 95-200-31).

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