

# UniCam® Pretium™ -Performance Multimode Connectors LC, SC, ST® Compatible

A LANscape® Pretium Solutions Product

## Applications

- Main cross-connect, intermediate cross-connect, horizontal cross-connect
- Ideal for fiber-to-the-workstation applications where installation setup and teardown time is critical
- Anywhere low-loss connectivity is critical
- Data centers

## Description

With UniCam® Pretium™ -Performance Connectors, best-in-class optical performance is available in a fast, easy field-termination solution.

These patented, high-precision ceramic ferrule multimode connectors guarantee a 0.1 dB typical/0.5 dB maximum insertion loss per connector pair for exceptional network performance. And with the UniCam Pretium Tool Kit, an LC, SC or ST® Compatible Connector can easily be installed in about 45 seconds.

The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are performed right, the first time, every time. From the cleaver, with its integrated fiber scrap bin and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal, the UniCam Pretium Tool Kit was thoughtfully designed with the needs of network installers in mind.

Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.



UniCam Pretium-Performance Multimode Connectors | Photo LAN772



UniCam Pretium Tool Kit | Photo LAN769

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Product Specifications

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## Features / Benefits

- Typical insertion loss of 0.1 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance
- Broad operating temperature range (-40° to +75°C) for true utility and flexibility
- UniCam® Pretium™ Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results
- Pretium-performance can be achieved with the UniCam Pretium Tool Kit or the standard UniCam Connector Tool Kit
- Available in single packs and the new UniCam Connector organizer packs
- Fast termination, high installation yields and no consumables means lowest installed cost
- Factory-polished end-face for consistent optical performance and factory quality
- 100 percent factory tested for insertion loss
- 100 percent guaranteed\*
- Direct 250 µm termination SC and LC connectors available
- Reliable, proven technology, with more than 40 million sold

\* UniCam Connectors are guaranteed to meet the published specifications at the time of installation.



UniCam Pretium Installation Tool | Photo LAN770



Pretium Cleaver | Photo LAN805



UniCam Connectors Organizer Pack (SC connectors shown) | Photo LAN809



UniCam Connector Standard Installation Tool Kit | Photo LAN596

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## Specifications

Connector Type	Fiber	Insertion Loss		Housing Color Code	Boot Color
		Typical/ Maximum (dB)	Reflectance (dB)		
LC	62.5 µm MM	0.1/0.5	≤ -20	Beige	Beige
LC	50 µm MM	0.1/0.5	≤ -20	Black	Black
LC	50 µm LOMMF	0.1/0.5	≤ -20	Black	Aqua
SC	62.5 µm MM	0.1/0.5	≤ -20	Beige	Beige
SC	50 µm MM	0.1/0.5	≤ -20	Black	Black
SC	50 µm LOMMF	0.1/0.5	≤ -20	Black	Aqua
ST® Compatible	62.5 µm MM	0.1/0.5	≤ -20	Amber	Beige
ST Compatible	50 µm MM	0.1/0.5	≤ -20	Amber	Black
ST Compatible	50 µm LOMMF	0.1/0.5	≤ -20	Amber	Aqua

Note: LOMMF= Laser-optimized multimode fiber

<sup>1</sup> LC Connectors are sold with one 900 µm boot, one 2.0/1.6 boot, and one 2.9 mm boot; SC and ST Compatible connectors are sold with one 900 µm boot and one 2.9 mm boot.

Parameter	Description
<b>Intermateability</b>	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC); TIA/EIA 604-3 (SC); TIA/EIA 604-2 (ST Compatible)
<b>Qualification</b>	Passed EIA/TIA 568-B.3
<b>Durability</b>	0.2 dB change, 500 rematings, FOTP-21
<b>Tensile Strength</b>	10 lb ≤ 0.2 dB change on jacketed cable; 0.5 lb ≤ 0.2 dB change on 900 µm cable; FOTP-6
<b>Operating Temperature</b>	-40° to +75°C, exceeding EIA/TIA 568-B.3

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## Ordering Information

Organizer packs are packs of 25 unassembled UniCam® Connectors separated into components.

Part Number	Description
<b>LC Connectors</b>	
95-050-99-X	UniCam Pretium™-Performance LC Connector, 50 µm LOMMF, ceramic ferrule, logo, single pack
95-050-99	UniCam Pretium-Performance LC Connector, 50 µm MMF, ceramic ferrule, logo, single pack
95-000-99	UniCam Pretium-Performance LC Connector, 62.5 µm, ceramic ferrule, logo, single pack
95-050-99P-X	UniCam Pretium-Performance LC 250 µm Connector, 50 µm LOMMF, ceramic ferrule, logo, single pack
95-050-99P	UniCam Pretium-Performance LC 250 µm Connector, 50 µm MMF, ceramic ferrule, logo, single pack
95-000-99P	UniCam Pretium-Performance LC 250 µm Connector, 62.5 µm MMF, ceramic ferrule, logo, single pack
95-050-99-X-Z	UniCam Pretium-Performance LC Connector, 50 µm LOMMF, ceramic ferrule, logo, organizer pack
95-050-99-Z	UniCam Pretium-Performance LC Connector, 50 µm MMF, ceramic ferrule, logo, organizer pack
95-000-99-Z	UniCam Pretium-Performance LC Connector, 62.5 µm, ceramic ferrule, logo, organizer pack
95-050-99P-X-Z	UniCam Pretium-Performance LC 250 µm Connector, 50 µm LOMMF, ceramic ferrule, logo, organizer pack
95-050-99P-Z	UniCam Pretium-Performance LC 250 µm Connector, 50 µm MMF, ceramic ferrule, logo, organizer pack
95-000-99P-Z	UniCam Pretium-Performance LC 250 µm Connector, 62.5 µm MMF, ceramic ferrule, logo, organizer pack
<b>SC Connectors</b>	
95-050-41-X	UniCam Pretium™-Performance SC Connector, 50 µm LOMMF, ceramic ferrule, logo, single pack
95-050-41	UniCam Pretium-Performance SC Connector, 50 µm MMF, ceramic ferrule, logo, single pack
95-000-41	UniCam Pretium-Performance SC Connector, 62.5 µm MMF, ceramic ferrule, logo, single pack
95-050-41P-X	UniCam Pretium-Performance SC 250 µm Connector, 50 µm LOMMF, ceramic ferrule, logo, single pack
95-050-41P	UniCam Pretium-Performance SC 250 µm Connector, 50 µm MMF, ceramic ferrule, logo, single pack
95-000-41P	UniCam Pretium-Performance SC 250 µm Connector, 62.5 µm MMF, ceramic ferrule, logo, single pack
95-050-41-X-Z	UniCam Pretium-Performance SC Connector, 50 µm LOMMF, ceramic ferrule, logo, organizer pack
95-050-41-Z	UniCam Pretium-Performance SC Connector, 50 µm MMF, ceramic ferrule, logo, organizer pack
95-000-41-Z	UniCam Pretium-Performance SC Connector, 62.5 µm MMF, ceramic ferrule, logo, organizer pack
95-050-41P-X-Z	UniCam Pretium-Performance SC 250 µm Connector, 50 µm LOMMF, ceramic ferrule, logo, organizer pack
95-050-41P-Z	UniCam Pretium-Performance SC 250 µm Connector, 50 µm MMF, ceramic ferrule, logo, organizer pack
95-000-41P-Z	UniCam Pretium-Performance SC 250 µm Connector, 62.5 µm MMF, ceramic ferrule, logo, organizer pack
<b>ST® Compatible Connectors</b>	
95-050-51-X	UniCam Pretium-Performance ST Compatible Connector, 50 µm LOMMF, ceramic ferrule, logo, single pack
95-050-51	UniCam Pretium-Performance ST Compatible Connector, 50 µm MMF, ceramic ferrule, logo, single pack
95-000-51	UniCam Pretium-Performance ST Compatible Connector, 62.5 µm MMF, ceramic ferrule, logo, single pack
95-050-51-X-Z	UniCam Pretium-Performance ST Compatible Connector, 50 µm LOMMF, ceramic ferrule, logo, organizer pack
95-050-51-Z	UniCam Pretium-Performance ST Compatible Connector, 50 µm MMF, ceramic ferrule, logo, organizer pack
95-000-51-Z	UniCam Pretium-Performance ST Compatible Connector, 62.5 µm MMF, ceramic ferrule, logo, organizer pack

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## Tool Kits and Accessories

<b>TKT-UNICAM-PFC</b>	UniCam Pretium Installation Tool Kit, includes UniCam Pretium Installation Tool, Pretium Flat Cleaver and all required fiber preparation and cleaning supplies
<b>TKT-UNICAM</b>	UniCam Connector Standard Installation Tool Kit, includes Score & Snap cleaver, installation tool and all required fiber preparation and cleaning supplies
<b>FBC-015</b>	Pretium Cleaver, individual flat fiber cleaver
<b>FBC-PRETIUM-BLADE</b>	Replacement Blade for the Pretium Cleaver
<b>VFL-A125</b>	LC 1.25 mm Ferrule VFL Adapter (for UniCam Pretium Installation Tool only)
<b>VFL-A250</b>	SC and ST Compatible 2.5 mm ferrule VFL adapter (for UniCam Pretium Installation Tool only)
<b>VFL-AKIT</b>	LC 1.25 mm and SC and ST Compatible 2.5 mm Ferrule VFL Adapter (for UniCam Pretium Installation Tool only)
<b>TER-CTS-SC</b>	Continuity Test Set Adapter for SC Connectors
<b>TER-CTS-ST</b>	Continuity Test Set Adapter for ST Compatible Connectors
<b>VFL-350</b>	Visual Fault Locator
<b>TL-UC01</b>	UniCam Connector Elite™ Installation Tool
<b>TL-UCP</b>	UniCam Pretium Installation Tool
<b>95-400-50-BP2B</b>	2.0 mm SC boot, black, bulk pack of 100 boots
<b>95-400-51-BP2B</b>	2.0 mm ST Compatible boot, black, bulk pack of 100 boots
<b>95-400-50-BP3B</b>	2.9 mm SC boot, black, bulk pack of 100 boots
<b>95-400-51-BP3B</b>	2.9 mm ST Compatible boot, black, bulk pack of 100 boots
<b>TKT-FCC</b>	Fiber Cleaning Kit
<b>CLEANR-TAPE-SFC</b>	Woven cleaning tape for single-fiber connectors
<b>FCC-WIPES</b>	Canister of 90 lint-free cleaning wipes
<b>FCC-CLEANER-FIBER</b>	Fiber Optic Cleaning Fluid, 3 oz. can

*Note: Laser Light — Do not view directly with optical instruments (magnifiers).  
Class 1M laser product.*

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