

# UniCam® Pretium®-Performance Single-Mode Connectors: LC, SC, ST® Compatible

## features and benefits |

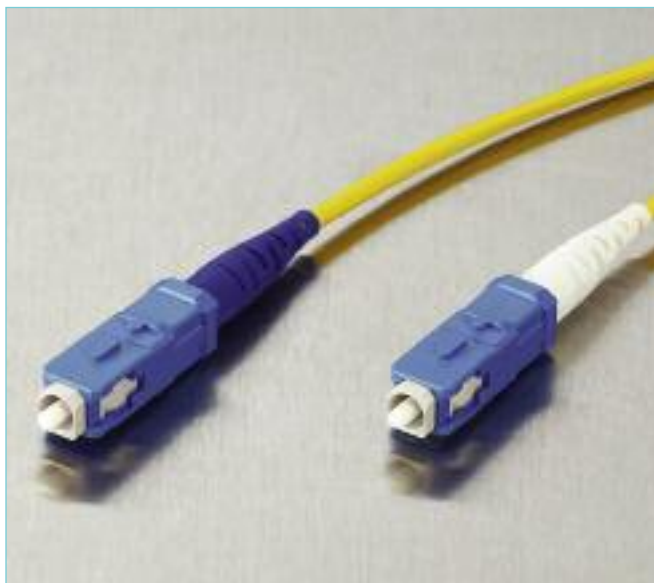
<b>Broad operating temperature (-40° to +75°C)</b>	Utility and flexibility
<b>Factory-polished end-face</b>	Consistent optical performance
<b>Fast termination and no consumables</b>	Low installation cost
<b>Minimum insertion loss</b>	Optimum optical performance

Corning Cable Systems UniCam® Pretium®-

Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution.

These patented, high-precision ceramic ferrule single-mode connectors guarantee a 0.2 dB typical/0.5 dB maximum insertion loss per connector pair for exceptional network performance. Installation of an LC, SC, or ST® Compatible Connector can be accomplished in about 45 seconds with the UniCam Pretium Tool Kit.

The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are right, the first time, every time. This kit was designed with consideration for the network installers, 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. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam Connector is guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.



UniCam Pretium-Performance SC Single-Mode Connectors | Photo LAN620



UniCam Pretium-Performance LC Single-Mode Connector | Photo LAN625

## UniCam® Pretium®-Performance Single-Mode Connectors: LC, SC, ST® Compatible



UniCam® Pretium® Installation Tool | Photo LAN770



Pretium Cleaver | Photo LAN805



UniCam Connector Organizer Pack (multimode SC connectors shown) | Photo LAN809



UniCam Pretium Tool Kit | Photo LAN769

### specifications |

<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 exceeds; 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

Connector Type	Polish	Insertion Loss Typical/ Maximum (dB)*	Reflectance (dB)**	Housing Color Code	Boot Color***
LC	SPC	0.2/.50	≤ -40	Blue	White
LC	UPC	0.2/.50	-55	Blue	Blue
SC	SPC	0.2/.50	≤ -40	Blue	White
SC	UPC	0.2/.50	-55	Blue	Blue
ST® Compatible	SPC	0.2/.50	≤ -40	Amber	White
ST Compatible	UPC	0.2/.50	-55	Amber	Blue

\* Insertion loss values given for installation using a UniCam® Pretium® Tool Kit. When installed using a UniCam Standard Tool Kit, the insertion loss values are 0.3 dB typical and 0.75 dB maximum.

\*\* Reflectance values for single-mode are for 18° to 26°C.

\*\*\* 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.

# UniCam® Pretium®-Performance Single-Mode Connectors: LC, SC, ST® Compatible



[ordering information |](#)

Part Number	Description
<b>LC Connectors</b>	
95-200-96	UniCam® Pretium®-Performance LC Connector, SPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-96-Z	UniCam Pretium-Performance LC Connector, SPC polish, single-mode, ceramic ferrule, logo, organizer pack
95-200-99	UniCam Pretium-Performance LC Connector, UPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-99-Z	UniCam Pretium-Performance LC Connector, UPC polish, single-mode, ceramic ferrule, logo, organizer pack
<b>SC Connectors</b>	
95-200-41	UniCam Pretium-Performance SC Connector, SPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-41-Z	UniCam Pretium-Performance SC Connector, SPC polish, single-mode, ceramic ferrule, logo, organizer pack
95-200-42	UniCam Pretium-Performance SC Connector, UPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-42-Z	UniCam Pretium-Performance SC Connector, UPC polish, single-mode, ceramic ferrule, logo, organizer pack
95-200-42P	UniCam Pretium-Performance SC 250 µm Connector, UPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-42P-Z	UniCam Pretium-Performance SC 250 µm Connector, UPC polish, single-mode, ceramic ferrule, logo, organizer pack
<b>ST® Compatible Connectors</b>	
95-200-51	UniCam Pretium-Performance ST Compatible Connector, SPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-51-Z	UniCam Pretium-Performance ST Compatible Connector, SPC polish, single-mode, ceramic ferrule, logo, organizer pack
95-200-52	UniCam Pretium-Performance ST Compatible Connector, UPC polish, single-mode, ceramic ferrule, logo, single pack
95-200-52-Z	UniCam Pretium-Performance ST Compatible Connector, UPC polish, single-mode, ceramic ferrule, logo, organizer pack

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

# UniCam® Pretium®-Performance Single-Mode Connectors: LC, SC, ST® Compatible

ordering information | (continued)

Part Number	Description
<b>Tool Kits and Accessories</b>	
<b>TKT-UNICAM-PFC</b>	UniCam® Pretium® 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 Tool Kit, includes score and snap cleaver, installation tool and all required fiber preparation and cleaning supplies
<b>TEST-UNICAM-CTS</b>	Converts an existing TKT-UNICAM Kit to add the CTS option; contains splitter box, SC, ST® Compatible, LC and MT-RJ CTS adapters and jumpers
<b>FBC-015</b>	Pretium Cleaver, individual flat fiber cleaver
<b>FBC-14-15-16-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-LC</b>	Continuity Test Set Adapter for LC connectors
<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-UCP</b>	UniCam Pretium Installation Tool
<b>TL-UC01</b>	UniCam Connector Elite™ Tool Kit Installation Tool
<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.*