

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

features and benefits |

| | |
|--|--------------------------------|
| 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 |

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 multimode connectors guarantee a 0.1 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 Multimode Connectors | Photo LAN772



UniCam Pretium Tool Kit | Photo LAN769

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

Available from:
CablesPlus
U ★ S ★ A
Cables Plus, LLC
8504 Glazebrook Ave Richmond, VA 23228 – Toll Free (866) 678-5852
www.CablesPlusUSA.com



UniCam Pretium® Installation Tool | Photo LAN770



Pretium Cleaver | Photo LAN805

specifications |

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

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specifications | (continued)

| Connector Type | Fiber | Insertion Loss Typical/ Maximum (dB)* | Reflectance (dB)** | Housing Color Code | Boot Color*** |
|----------------|-------------------|---------------------------------------|--------------------|--------------------|---------------|
| LC | 62.5 µm multimode | 0.1/0.5 | ≤ -20 | Beige | Beige |
| LC | 50 µm multimode | 0.1/0.5 | ≤ -20 | Black | Black |
| LC | 50 µm LOMMF**** | 0.1/0.5 | ≤ -26 | Black | Aqua |
| SC | 62.5 µm multimode | 0.1/0.5 | ≤ -20 | Beige | Beige |
| SC | 50 µm multimode | 0.1/0.5 | ≤ -20 | Black | Black |
| SC | 50 µm LOMMF**** | 0.1/0.5 | ≤ -26 | Black | Aqua |
| ST® Compatible | 62.5 µm multimode | 0.1/0.5 | ≤ -20 | Amber | Beige |
| ST Compatible | 50 µm multimode | 0.1/0.5 | ≤ -20 | Amber | Black |
| ST Compatible | 50 µm LOMMF**** | 0.1/0.5 | ≤ -26 | Amber | Aqua |

* 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.

**** LOMMF = Laser-optimized multimode fiber.



UniCam® Pretium®-Performance Connector Organizer Pack (SC connectors shown) | Photo LAN809

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

ordering information |

| Part Number | Description |
|----------------------|--|
| LC Connectors | |
| 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 multimode, ceramic ferrule, logo, single pack |
| 95-000-99 | UniCam Pretium-Performance LC Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, single pack |
| 95-000-99P | UniCam Pretium-Performance LC 250 µm Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, organizer pack |
| 95-000-99-Z | UniCam Pretium-Performance LC Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, organizer pack |
| 95-000-99P-Z | UniCam Pretium-Performance LC 250 µm Connector, 62.5 µm multimode, ceramic ferrule, logo, organizer pack |

* LOMMF = Laser-optimized multimode fiber.

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

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

ordering information | (continued)

| Part Number | Description |
|----------------------|--|
| SC Connectors | |
| 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 multimode, ceramic ferrule, logo, single pack |
| 95-000-41 | UniCam Pretium-Performance SC Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, single pack |
| 95-000-41P | UniCam Pretium-Performance SC 250 µm Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, organizer pack |
| 95-000-41-Z | UniCam Pretium-Performance SC Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, organizer pack |
| 95-000-41P-Z | UniCam Pretium-Performance SC 250 µm Connector, 62.5 µm multimode, ceramic ferrule, logo, organizer pack |

* LOMMF = Laser-optimized multimode fiber.

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

PRETERMINATED SYSTEMS | CABLES | CONNECTORS | CABLE ASSEMBLIES | HARDWARE | SPlice CLOSURES | TEST EQUIPMENT | SPlice EQUIPMENT

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



ordering information | (continued)

| Part Number | Description |
|----------------------------------|--|
| ST® Compatible Connectors | |
| 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 multimode, ceramic ferrule, logo, single pack |
| 95-000-51 | UniCam Pretium-Performance ST Compatible Connector, 62.5 µm multimode, 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 multimode, ceramic ferrule, logo, organizer pack |
| 95-000-51-Z | UniCam Pretium-Performance ST Compatible Connector, 62.5 µm multimode, ceramic ferrule, logo, organizer pack |

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

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ordering information | (continued)

| Part Number | Description |
|----------------------------------|--|
| Tool Kits and Accessories | |
| TKT-UNICAM-PFC | UniCam® Pretium® Tool Kit, includes UniCam Pretium Installation Tool, Pretium Flat Cleaver and all required fiber preparation and cleaning supplies |
| TKT-UNICAM | UniCam Connector Standard Installation Tool Kit, includes score and snap cleaver, installation tool and all required fiber preparation and cleaning supplies |
| TEST-UNICAM-CTS | The CTS version of UniCam Connector Tool Kit contains all the CTS adapters and patch cords needed for CTS installation |
| FBC-015 | Pretium Cleaver, individual flat fiber cleaver |
| FBC-14-15-16-BLADE | Replacement Blade for the Pretium Cleaver |
| VFL-A125 | LC 1.25 mm Ferrule VFL Adapter (for UniCam Pretium Installation Tool only) |
| VFL-A250 | SC and ST® Compatible 2.5 mm ferrule VFL adapter (for UniCam Pretium Installation Tool only) |
| VFL-AKIT | LC 1.25 mm and SC and ST Compatible 2.5 mm Ferrule VFL Adapter (for UniCam Pretium Installation Tool only) |
| TER-CTS-LC | Continuity Test Set Adapter for LC connectors |
| TER-CTS-SC | Continuity Test Set Adapter for SC connectors |
| TER-CTS-ST | Continuity Test Set Adapter for ST Compatible Connectors |
| VFL-350 | Visual Fault Locator |
| TL-UC01 | UniCam Connector Elite™ Tool Kit Installation Tool |
| TL-UCP | UniCam Pretium Installation Tool |
| FCC-WIPES | Canister of 90 lint-free cleaning wipes |
| FCC-CLEANER-FIBER | Fiber Optic Cleaning Fluid, 3 oz can |

Note: Laser light – do not view directly with optical instruments (magnifiers). Class 1M laser product.

PRETERMINATED SYSTEMS | CABLES | CONNECTORS | HARDWARE | SPlice CLOSURES | TEST EQUIPMENT | SPlice EQUIPMENT