

UniCam® Single-Mode APC Connectors: SC Connectors

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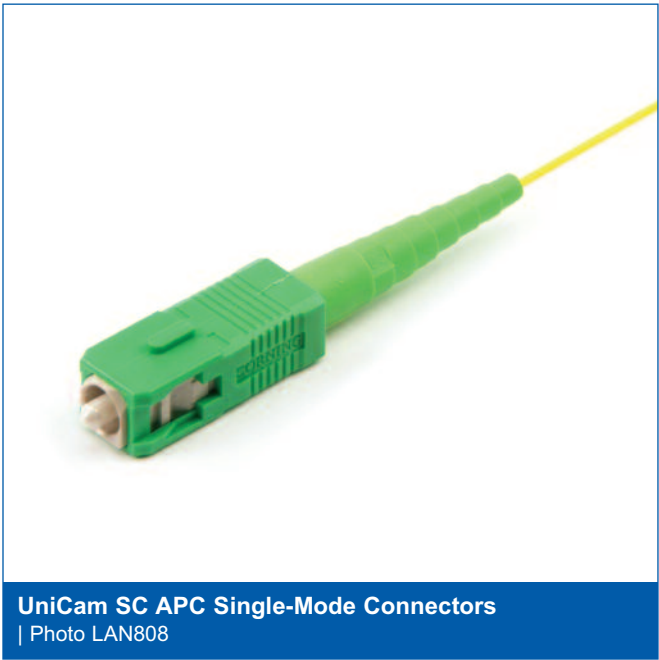
features and benefits |

Angled polish connectors	Minimize back reflectance
Factory tested	Optimal performance
UniCam Pretium Tool Kit	Quick and easy installation

Corning Cable Systems UniCam® Single-Mode APC Connectors are designed for local area networks (LANs), main cross-connect, intermediate cross-connect and horizontal cross-connect, including maintenance and restoration of building cable. They are ideal for fiber-to-the-workstation applications where installation setup and teardown time is critical.

With UniCam Connectors, best-in-class optical performance is available in a fast, easy field-termination solution for single-mode fibers. Angled polish connectors (APCs) minimize back reflectance from laser sources, a critical requirement for analog video or applications that require -60 dB reflectance. UniCam APC Connectors have an eight degree angled end-face and are factory polished to prevent light from reflecting back to the source. They are compatible with any UniCam Connector single- or 2-fiber installation tool, including the new flagship UniCam Pretium® Tool Kit.

(continued)



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For performing terminations right the first time, every time, the lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from the installation to allow superior optical performance for the most demanding single-mode applications. Designed with network installers in mind, the UniCam® Pretium® Tool Kit can install a UniCam Pretium-Performance Connector in about 45 seconds. 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. Factory tested, typical insertion loss is 0.4 dB with a maximum insertion loss of 0.75 dB. By allowing fast termination and high installation yields with no consumables, lower installation costs are realized.

With reliable, proven technology and more than 50 million sold, every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it. Direct 250 µm termination SC connectors are offered in single packs and the UniCam Connector organizer packs.

specifications |

Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC); TIA/EIA 604-3 (SC)
Qualification	Passed TIA/EIA 568-B.3
Durability	0.2 dB change, 500 rematings, FOTP-21
Tensile Strength	10 lb ≤ 0.2 dB change on jacketed cable; 0.5 lb ≤ 0.2 dB change on 900 µm cable; FOTP-6
Operating Temperature	0° to 60°C, meets TIA/EIA 568-B.3

Connector Type	Insertion Loss Typical/ Maximum (dB)	Reflectance (dB)*	Housing Color Code	Boot Color**
SC APC	0.4/0.75	-60	Green	Green
SC APC 250 µm Direct Termination	0.4/0.75	-60	Green	Green

* Reflectance values are for 18° to 28°C.

** SC connectors are sold with one 900 µm boot and one 2.9 mm boot in Single Packs and 900 µm boots only in Organizer Packs.

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ordering information |

Part Number	Description
SC Connectors	
95-200-44	UniCam® SC APC Connector, single-mode, ceramic ferrule, logo, single pack
95-200-44-Z	UniCam SC APC Connector, single-mode, ceramic ferrule, logo, organizer pack
95-200-44P	UniCam SC APC 250 µm Direct Termination Connector, single-mode, ceramic ferrule, logo, single-pack
95-200-44P-Z	UniCam SC APC 250 µm Direct Termination Connector, single-mode, ceramic ferrule, logo, organizer pack
Tool Kits and Accessories	
TKT-UNICAM-PFC	UniCam Pretium® Installation 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 & snap cleaver, installation tool and all required fiber preparation and cleaning supplies
TEST-UNICAM-CTS	Converts an existing TKT-UNICAM Kit to add the CTS option; contains splitter box, SC, ST® Compatible, LC CTS adapters and jumpers
FBC-015	Pretium Cleaver, individual flat fiber cleaver
FBC-14-15-16-BLADE	Replacement Blade for the Pretium Cleaver
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-SC	Continuity Test Set Adapter for SC Connectors
VFL-350	Visual Fault Locator
TL-UC01	UniCam Connector Elite™ 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

Notes:

- 1) Organizer packs are packs of 25 unassembled UniCam Connectors separated into components and 900 µm boots only.
- 2) Laser light – do not view directly with optical instruments (magnifiers). Class 1M laser product.

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notes |

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