UniCam Pretium-Performance Connectors install in less than a minute with best-in-class optical performance guaranteed.

UniCam® Pretium™-Performance Connectors and the UniCam Pretium Tool Kit

With UniCam® Pretium™-Performance Connectors, best-in-class optical performance is available in a fast, easy field termination solution. And with the new UniCam Pretium Tool Kit, these connectors can easily be installed in about 45 seconds.

The UniCam Pretium Tool Kit was thoughtfully designed with the needs of network installers in mind, with a new handheld installation tool and a high-performance cleaver that virtually eliminate human variability from installation.

As always, installation of a UniCam Pretium-Performance Connector is as easy as strip, clean, cleave, cam and crimp - with exceptional optical performance guaranteed.

As with all UniCam Connectors, every UniCam Pretium-Performance Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

What does "Pretium-Performance" mean?

UniCam Connectors with a "Pretium-Performance" designation are guaranteed to achieve the highest standards for optical performance.

For multimode UniCam Pretium-Performance Connectors, this is a 0.1 dB typical/0.5 dB maximum insertion loss, as well as a wider operating temperature range – from -40° to +75° C. Single-mode UniCam Pretium-Performance Connectors offer a 0.2 dB typical/0.5 dB maximum insertion loss, as well as the improved temperature range of -40° to +75° C.

UniCam Pretium-Performance Connectors are available with a ceramic ferrule in LC, SC and ST®-Compatible connector styles. Standard UniCam Multimode Connectors are offered with a composite ferrule in SC, ST Compatible and MT-RJ connector styles, a ceramic ferrule in an FC connector style and have a 0.3 dB typical/0.75 maximum insertion loss.

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Just the Technical Facts

UniCam® Pretium™-Performance Connectors and the UniCam Pretium Tool Kit

Can I achieve "Pretium™-Performance" using my older UniCam® Connector Installation Tool Kit?

Yes, for multimode UniCam Pretium-Performance Connectors, the improved optical performance can be achieved, using standard recommended procedures, when installing with either the older, "classic" UniCam Tool Kits or the new UniCam Pretium Tool Kit.

Due to the more demanding requirements of single-mode fiber, UniCam Pretium-Performance Single-Mode Connectors must be terminated using the UniCam Pretium Tool Kit to achieve the Pretium-Performance attenuation and operating temperature specifications. UniCam Pretium-Performance Single-Mode Connectors are compatible with the older tool kit, but Pretium Performance is not guaranteed when using this tool kit.

Why is operating temperature important?

A wider operating temperature range, like that of UniCam Pretium-Performance Connectors, allows these connectors to be used outside within enclosed environmentally protected hardware. UniCam Pretium-Performance Connectors' operating temperature range is -40° to +75° C, which exceeds the performance specifications of TIA/EIA 568-B.3.

UniCam Pretium Tool Kit | Photo LAN769

Does the 100% guarantee for UniCam Connectors also apply to UniCam "Pretium-Performance" Connectors?

Yes. All UniCam Connectors, multimode and single-mode, standard and Pretium-Performance, single-fiber and multi-fiber, are covered by the UniCam Connectors 100 percent yield guarantee. If your connector does not meet the published performance specifications at the time of installation, Corning Cable Systems will replace it. For more information on the UniCam Connectors 100 percent yield guarantee, visit www.corning.com/cablesystems/unicam.

When should I select "Pretium-Performance" connectors versus the standard UniCam Connector?

All UniCam Connectors offer the easy, fast termination capability and 100 percent guarantee they are renowned for. UniCam Pretium-Performance Connectors offer a higher level of guaranteed optical specifications to ensure optimal performance. You should select UniCam Pretium-Performance Connectors for any installation where optical performance is the most important consideration.

UniCam Pretium-Performance Connectors | Photo LAN772

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Just the Technical Facts

UniCam® Pretium™-Performance Connectors and the UniCam Pretium Tool Kit

What are the differences between the UniCam® Pretium™ Tool Kit and the standard UniCam Connector Installation Tool Kit?

The new UniCam Pretium Tool Kit features tools that virtually eliminate human variability from installation, increasing the consistency and speed of installation. The UniCam Pretium Tool Kit has virtually zero set-up time, installing a connector up to 30 percent faster than the already swift capability of the standard kit.

The UniCam Pretium Tool Kit includes a lightweight, handheld installation tool with a "go/no-go" LED feedback light that uses an integrated continuity test system to give you unmistakable confirmation of a successful termination. The standard UniCam Connector Installation Tool is a small tabletop tool that provides visual feedback by observing light in the cam of the connector when used with the Continuity Test Set.

The new Pretium Cleaver is also handheld, and includes a dual-hold fiber clamp and diamond blade for the most precise fiber cleave. The "Score and Snap" cleaver of the standard installation tool kit provides a reliable, but less precise, cleave with more operator variability.

Will the UniCam Pretium Installation Tool allow me to skip testing since I get a green light when the connection is good?

The UniCam Pretium Installation Tool's LED light provides real-time feedback that the UniCam Pretium-Performance Connector was installed properly. This type of visual feedback is never a substitute for system or link loss testing per standard recommended procedures.

If I own the standard UniCam Connector Installation Kit, can I order the new installation tool and cleaver as upgrades?

There will not be an upgrade kit with its own part number. However, the UniCam Pretium Installation Tool and the Pretium Cleaver will be available as a la carte items that can be ordered as additions to your existing tool kit.

Can I use standard UniCam SC or ST® Compatible Connectors with the new UniCam Pretium Installation Tool?

Yes! The standard UniCam SC and ST Compatible Multimode Connectors, with their composite polymer ferrule, are compatible with the UniCam Pretium tool kit, allowing you to take advantage of the thoughtfully designed features of the new tool kit for the majority of your field terminations. However, please note that Pretium-Performance levels of attenuation and operating temperature range are only guaranteed for UniCam Pretium-Performance Connectors. Please note that SC, ST Compatible and LC Connectors manufactured before December 15, 2006, are not compatible with the new tool.

Can I use any type of UniCam Connector with the new tool?

UniCam FC and MT-RJ Connectors are not compatible with the new UniCam Pretium Installation Tool. The current installation tool will remain available for installation of these connector types.

Can I purchase the standard installation tool as an accessory for the UniCam Pretium Tool Kit?

Yes, the standard installation tool (Corning part number TL-UC01) is available through your preferred Corning Cable System distributor.

UniCam Pretium Installation Tool | Photo LAN770

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UniCam® Pretium™-Performance Connectors and the UniCam Pretium Tool Kit

Can I receive training on how to use the new UniCam® Pretium™ Tool Kit?

Corning Cable Systems has fully trained technicians located across the United States that are available free of charge for UniCam Connector training at your site. Corning also offers a comprehensive line of hands-on installation courses based in Hickory, North Carolina, and in locations throughout United States and Canada during the year. Please contact our award-winning customer service team at 1-800-743-2671 for more information, call your local Corning Cable Systems sales engineer, or visit www.corning.com/cablesystems.

With the improved operating temperature range, can the Unicam Pretium-Performance Connector be used outdoors?

Yes, when installed within enclosed environmentally protected hardware approved for that environment.

Corning has always recommended against direct termination of 250 micron fiber, but now you are offering a direct-termination version of the UniCam Connector. Why has this changed?

Corning Cable Systems continues to recommend the installation of connectors on 900 um buffered fiber to provide excellent reliability and ease of handling of fibers. However, in applications where the fibers cannot be furcated, CCS has developed the 250 µm direct termination connectors to provide tensile strength of greater than 1.1 lbs, exceeding IEC specifications.

Why should I choose a no epoxy/no polish connector for field termination?

The UniCam Connector, as the world's first and leading no-epoxy/no-polish connector, offers the fastest, most cost-effective method of field termination. With virtually no set up time and optical performance that meets or exceeds that of fusion-spliced pigtail connectors and epoxy-and-polish connectors, UniCam Connectors are a reliable, proven alternative to these more labor-intensive methods. And of course, UniCam Connectors offer a 100 percent guarantee on every connector style.

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