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

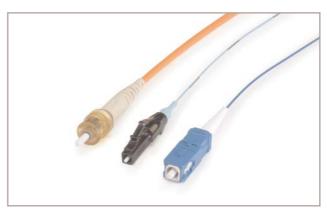## A LANscape® Solutions Product

Applications

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

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 fibre 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.

UniCam Pretium Performance Connectors

UniCam Premium Tool Kit

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Features

- Typical insertion loss of 0.1 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance when using the Pretium Installation Tool
- Broad operating temperature range (-40° to +75°C) for true utility and flexibility (for insertion loss only)
- 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
- 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
- Direct 250 µm termination SC and LC connectors available
- Reliable, proven technology, with more than 40 million sold

UniCam Pretium Installation Tool

Premium Cleaver

UniCam Connector Standard Tool Kit

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Specifications

Connector Type	Fibre	Insertion Loss* Typ/Max (dB)	Reflectance (dB)	Housing Colour Code	Boot Colour
LC	62.5 μm OM1	0.1/0.5	-20	Beige	Beige
LC	50 μm OM2	0.1/0.5	-20	Black	Black
LC	50 μm OM3	0.1/0.5	-20	Black	Aqua
SC	62.5 μm OM1	0.1/0.5	-20	Beige	Beige
SC	50 μm OM2	0.1/0.5	-20	Black	Black
SC	50 μm OM3	0.1/0.5	-20	Black	Aqua
ST Compatible	62.5 μm OM1	0.1/0.5	-20	Amber	Beige
ST Compatible	50 μm OM2	0.1/0.5	-20	Amber	Black
ST Compatible	50 μm OM3	0.1/0.5	-20	Amber	Aqua

Note: LOMMF= Laser-optimized multimode fibre. 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.

*Achieved when connectors are installed using the UniCam Pretium Installation Tool

Parameter	Description
Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC), 604-3 (SC), 604-2 (ST Compatible)
Qualification	Passes EIA/TIA 568-B.3
Durability	0.2 dB change, 500 rematings, FOTP-21
Tensile Strength	44 N $\leq$ 0.2 dB change on jacketed cable; 2.2 N $\leq$ 0.2 dB change on 900 μm cable; FOTP-6
Operating Temperature	-40 degrees to +75 degrees Celcius, exceeding EIA/TIA 568-B.3 (for insertion loss only)

Ordering Information

Order Number	Description
LC Connectors	
95-050-99-X	UniCam Pretium™-Performance LC Connector, 50 μm OM3, ceramic ferrule
95-050-99	UniCam Pretium-Performance LC Connector, 50 μm OM2, ceramic ferrule
95-000-99	UniCam Pretium-Performance LC Connector, 62.5 μm OM1, ceramic ferrule
SC Connectors	
95-050-41-X	UniCam Pretium™-Performance SC Connector, 50 μm OM3, ceramic ferrule
95-050-41	UniCam Pretium-Performance SC Connector, 50 μm OM2, ceramic ferrule
95-000-41	UniCam Pretium-Performance SC Connector, 62.5 μm OM1, ceramic ferrule
ST Compatible Connectors	
95-050-51-X	UniCam Pretium-Performance ST Compatible Connector, 50 μm OM3, ceramic ferrule
95-050-51	UniCam Pretium-Performance ST Compatible Connector, 50 μm OM2, ceramic ferrule
95-000-51	UniCam Pretium-Performance ST Compatible Connector, 62.5 μm OM1, ceramic ferrule

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Ordering Information

Tools & Accessories

TKT-UNICAM-PFC	UniCam Pretium Installation Tool Kit, includes UniCam Pretium Installation Tool, Pretium Flat Cleaver and all required fibre preparation and cleaning supplies
TKT-UNICAM	UniCam Connector Standard Installation Tool Kit, includes Score & Snap cleaver, installation tool and all required fibre preparation and cleaning supplies
FBC-015	Pretium Cleaver, individual flat fibre cleaver for the Pretium Installation Toolkit (TKT-UNICAM-PFC
FBC-PRETIUM-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-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™ Installation Tool
TL-UCP	UniCam Pretium Installation Tool
95-400-50-BP2B	2.0 mm SC boot, black, bulk pack of 100 boots
95-400-51-BP2B	2.0 mm ST Compatible boot, black, bulk pack of 100 boots
95-400-50-BP3B	2.9 mm SC boot, black, bulk pack of 100 boots
95-400-51-BP3B	2.9 mm ST Compatible boot, black, bulk pack of 100 boots
TKT-FCC	Fibre Cleaning Kit
CLEANR-TAPE-SFC	Woven cleaning tape for single-fibre connectors
FCC-WIPES	Canister of 90 lint-free cleaning wipes
FCC-CLEANER-FIBER	Fibre Optic Cleaning Fluid, 3 oz. can