UniCam® Connector Installation Tool Kits

A LANscape® Pretium® Solutions Product

features and benefits |

Terminates single-mode and multimode fibers	Various installation options
Convenient carrying case	Minimizes setup and teardown time
Continuity test set (CTS)	Training and scrap rate reduction
Visual feedback signal (TKT-UNICAM-PFC)	Termination confirmation
Pretium® Cleaver (FBC-015)	Superior cleave performance

Corning Cable Systems offers several tool kits for installation of UniCam® Connectors for data centers, fiber-to-the-desk applications and for local area networks, including main cross-connects, telecommunications rooms and enclosures.

The main offering in installation kits is the UniCam Pretium® Tool Kit (TKT-UNICAM-PFC). This is a carefully designed tool kit that virtually eliminates human variability from the installation process. The TKT-UNICAM-PFC includes a lightweight, handheld installation tool with an immediate go/no-go feedback signal to provide unmistakable confirmation of a successful termination. The kit's high-performance cleaver has an integrated fiber scrap bin and a dual-clamp precision hold for the field fiber, with a diamond blade to achieve a superior cleave. It can be used with multimode or single-mode LC, SC, ST® Compatible

(continued)

UniCam Pretium Tool Kit | Photo LAN769

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UniCam® Connectors (standard and Pretium®-Performance) and is required to achieve Pretium-Performance specifications for UniCam Pretium-Performance Single-Mode Connectors.

The standard UniCam Connector Installation Tool Kit (TKT-UNICAM) is a basic installation tool kit used to terminate all UniCam Connector styles (SC, LC and ST® Compatible Connectors). UniCam Pretium-Performance Multimode Connectors (SC, LC and ST Compatible) can achieve Pretium-Performance with the use of this kit. A convenient carrying bag is provided with all the components necessary to terminate UniCam Connectors. The TKT-UNICAM can also be upgraded with a continuity test set (TEST-UNICAM-CTS) that provides a visual feedback feature when terminating connectors. The installer can watch for a red glow in the back of the connector to dim or disappear indicating that the field fiber is inserted properly into the connector. This is very useful for training new installers and reducing scrap rates.

For quick termination of ribbon cables, the UniCam MTP® Connector Installation Tool Kit (TKT-UNICAM-MTP) is a single-ferrule design that terminates 12 fibers at a time on one connector. Compact and easy to carry, the kit contains a high-performance ribbon cleaver for superior cleave performance. The TKT-UNICAM-MTP also includes a ribbon coating thermal stripper, ribbon insertion tool, crimp tool and fiber preparation and cleaning materials.

UniCam Connector Standard Installation Tool Kit | Photo LAN1273

UniCam MTP® Connector Installation Tool Kit | Photo LAN598

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UniCam® Connector Installation Tool Kits

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specifications |

Tool Kit/Connector Compatibility Matrix

Description	TKT-UNICAM-PFC	TKT-UNICAM	TKT-UNICAM-MTP
UniCam® Pretium®-Performance Multimode Connectors (LC, SC and ST® Compatible)	X	X	
UniCam Pretium-Performance Single-Mode Connectors (LC, SC and ST Compatible)	X	X	
UniCam Composite Ferrule Multimode Connectors (SC and ST Compatible)	X	X	
UniCam APC Single-Mode Connectors (SC)	X	X	
UniCam Pretium-Performance 250 µm Multimode Connectors (SC and LC)	X	X	
UniCam Pretium-Performance 250 µm Single-Mode Connectors (SC and LC)	X	X	
UniCam MTP® Multimode and Single-Mode Connectors			X

Note: Pretium-Performance specifications on single-mode require use of the UniCam Pretium Tool Kit.

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UniCam Pretium Installation Tool | Photo LAN770

Pretium Cleaver | Photo LAN805

specifications | (continued)

	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)
TKT-UNICAM-PFC	40 x 25 x 20 (16 x 10 x 8)	2.4 (5.2)
TKT-UNICAM	24 x 13 x 35 (9.5 x 5 x 13.62)	2.7 (6)
TKT-UNICAM-MTP	48 x 38 x 20 (19 x 15 x 8)	10 (22)

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ordering information |

Part Number	Description
UniCam® Pretium® Tool Kit	
TKT-UNICAM-PFC	UniCam Pretium Tool Kit; includes UniCam Pretium Installation Tool for termination of multi-mode and single-mode SC, LC and ST® Compatible Connectors; includes Pretium Flat Cleaver, 1.25 and 2.50 mm VFL ferrule adapters and all required fiber preparation, cleaning tools and materials
TKT-UNICAM-PFC Accessories	
FBC-015	Pretium Flat Cleaver
FBC-14-15-16-BLADE	Replacement Blade for the Pretium Flat Cleaver
TL-UCP	UniCam Pretium Installation Tool
VFL-A125	LC 1.25 mm VFL Ferrule Adapter
VFL-A250	SC and ST Compatible 2.50 mm VFL Ferrule Adapter
VFL-AKIT	LC 1.25 mm and SC and ST Compatible 2.50 mm VFL Ferrule Adapters
Standard UniCam Connector Installation Tool Kit	
TKT-UNICAM	Basic Installation Kit for single-fiber and 2-fiber UniCam Connectors, terminates single-fiber ST Compatible, SC, LC and FC, as well as 2-fiber UniCam MT-RJ Connectors; includes FBC-001 Score and Snap Cleaver; includes all required fiber preparation, cleaning tools and materials
TKT-UNICAM Accessories	
FBC-001	Score and Snap Cleaver
TEST-UNICAM-CTS	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
VFL-350	Visual Fault Locator, 635 nm pen-style light

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ordering information | (continued)

Part Number	Description
TER-CTS-SC	CTS Adapter for UniCam SC Connectors
TER-CTS-ST	CTS Adapter for UniCam ST® Compatible Connectors
TER-CTS-LC	CTS Adapter for UniCam LC Connectors
VFL-350	Visual Fault Locator, 635 nm pen-style light
Cleaning Accessories	
TKT-CLEAN-SFC	Kits contain recommended products to effectively clean 2.5 mm and 1.25 mm single-fiber connectors
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
FCC-WIPES	Wipes, (90 per tube)
2104359-01	Universal Connector Cleaning Cassette, cleans pinned and pinless connectors with ferrules

Part Number	Description	Quantity
UniCam MTP® Connector Termination Kit (TKT-UNICAM-MTP)		
200FM	Microscope, 200x coaxial inspection	1
JCT-001	Ribbon Jacket Cutting Tool with blades	1
100294-01	Electrician Scissors	1
1603003-01	Pump Bottle Dispenser	1
N/A	Permanent Black Marker	1
2104047-01	Electrical Tape	1
2104344-01	MTP Connector Installation Tool	1
2104388-01	UniCam MTP Connector Stripper	1
2104390-01	MTP Connector Strip Length Gauge	1
2104391-01	UniCam MTP Connector Adapter Ribbon Cleave Inspector	1
2104447-01	UniCam MTP Connector Ribbon Cable Jacket Splitter	1
2104448-01	12-Fiber Ribbon Handler	1
2110008-01	MTP Connector Complete Tool Kit Case	1
FBC-012	FBC-012 Multi-Fiber Cleaver	1

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ordering information | (continued)

Part Number	Description	Quantity
2809049-01	Small X-7 Brush	1
2814032-01	12-Fiber Ribbon Handler	1
2814048-01	S218 Ribbon Stripper	1
3201024-01	MTP® Connector Matrix Crimp Tool	1
3201027-01	MTP Epoxy-and-Polish Connector Crimp Tool	1
3216004-01	Black Plastic Styrene Tweezer	1
3222002-01	3/32 Allen Wrench	1
3615001-01	Lint-Free Wipes	1

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

UniCam® Single- and 2-Fiber Connector Tool Kit Comparison Matrix

All UniCam Single- and 2-Fiber Connector Tool Kits include the appropriate critical steps card, complete instructions, strip length gauge and an installation video DVD.

Part Number	Description	Qty	TKT-UNICAM-PFC	TKT-UNICAM
TL-UCP	UniCam Pretium® Installation Tool with integrated CTS	1	X	
TL-UC01	UniCam Standard Installation Tool	1		X
FBC-015	Pretium Flat Cleaver with diamond blade and built-in fiber scrap container	1	X	
FBC-001	Score and Snap Cleaver	1		X
100294-01	5-in Electrician's Scissors with notches	1	X	X
3201007-01	Crimp Tool	1	X	X
3206001-01	6-in Wire Fiber Stripper	1	X	X
2104502-01	"Dual-Hole" Miller Tool Fiber Stripper (for 900 µm and 250 µm fiber)	1	X	X
2104498-01	Plastic Refuse Container	1	X	
Not sold separately	Retractable Permanent Marker	1	X	X

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ordering information | (continued)

Part Number	Description	Quantity	TKT-UNICAM-PFC	TKT-UNICAM
100312-01	Tweezers	1		X
VFL-A250	SC and ST® Compatible 2.5 mm Ferrule Adapter	1	X	
VFL-A125	LC 1.25 mm Ferrule Adapter	1	X	
2104255-01	SC and ST Compatible 2.5 mm Ferrule Cleaning Sticks (10/pack)	1	X	
2104417-01	1.5 mm Ferrule Cleaning Sticks (10/pack)	1	X	
2104493-01	Package of Corning Wipes	1	X	
2104494-01	Bottle of Corning® Fiber Cleaning Fluid	1	X	
1508001-01	Generic Alcohol Wipes	6		X
2104282-01	Electrical Tape, black	1		X
02-001860-001	UniCam® Pretium® Tool Bag with integrated waste receptacle and organized foam insert interior	1	X	
2104407-01	Standard UniCam Tool Bag	1		X

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-901-5973 • International: +1-828-901-5000 • www.corning.com/cablesystems

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