

UniCam® Connector Installation Tool Kits

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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
High-performance flat cleaver (FBC-007)	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 High-Performance 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 proper mating of the field fiber to the fiber stub. This is useful for training new installers and reducing scrap rates. The kit's high-performance precision cleaver has 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 UniCam Connectors (standard and high-performance)

(continued)



UniCam High-Performance Tool Kit | Photo LAN3333

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and is required to achieve high-performance specifications for all UniCam® 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 High-Performance Multimode Connectors (SC, LC and ST Compatible) can achieve their optical specifications with the use of this kit. The use of a precision cleaver (not included in the TKT-UNICAM) like the FBC-007 is recommended to achieve the performance specification for UniCam Single-mode Connectors. A convenient carrying bag is provided with all the components necessary to terminate UniCam Connectors.



UniCam Connector Standard
Installation Tool Kit | Photo LAN3507

UniCam® Connector Installation Tool Kits

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specifications |

Tool Kit/Connector Compatibility Matrix

Description	TKT-UNICAM-PFC	TKT-UNICAM
UniCam® High-Performance Multimode Connectors (LC, SC and ST® Compatible)	X	X
UniCam Single-mode Connectors (LC, SC and ST Compatible)	X	X
UniCam Standard Performance Multimode Connectors (SC and ST Compatible)	X	X
UniCam APC Single-Mode Connectors (SC and LC)	X	X

Note: Optical specifications on single-mode require use of a precision cleaver like the FBC-007.

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

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UniCam High-Performance Installation Tool | Photo LAN3446



High-Performance Cleaver | Photo LAN3335

specifications | (continued)

	Dimensions (H x W x D) cm (in)	Shipping Weight kg (lb)
TKT-UNICAM-PFC	48.26 x 35.56 x 19.69 (19 x 14 x 7.75)	3.9 (8.60)
TKT-UNICAM	24.13 x 12.7 x 34.5 (9.5 x 5 x 13.58)	2.3 (4.95)

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TRAINING | SPICE EQUIPMENT | TEST EQUIPMENT | SPICE CLOSURES | HARDWARE | CABLE ASSEMBLIES | CONNECTORS | CABLES | PRETERMINATED SYSTEMS

Part Number	Description
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UniCam® High-Performance Tool Kit

TKT-UNICAM-PFC	UniCam High-Performance Tool Kit; includes High-Performance Installation Tool for termination of multimode and single-mode SC, LC and ST® Compatible Connectors; includes High-Performance Flat Cleaver, 1.25 and 2.50 mm VFL ferrule adapters and all required fiber preparation, cleaning tools and materials
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TKT-UNICAM-PFC Accessories

FBC-007	High-Performance; individual flat precision fiber cleaver
HAN-TRACK	Fiber Handler Track for use with double-sided fan-out and direct 250 micron fiber handler (FBC-007 cleaver only)
HAN-UNI	Double-sided Fiber Handler for fan-out tubing and direct 250 micron fiber applications (FBC-007 cleaver only)
HAN-STANDARD	Double-sided Fiber Handler for 900 micron buffered fiber and jacketed cable (FBC-007 cleaver only)
FBC-14-15-16-BLADE	Replacement Diamond Blade for the high-performance flat cleaver
TL-UCP	High-Performance Installation Tool. Includes LC 1.25 mm and SC/ST Compatible 2.5 mm VFL ferrule adapters.
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 VFL Ferrule Adapter

Standard UniCam Connector Installation Tool Kit

TKT-UNICAM	Standard Installation Kit for single-fiber UniCam Connectors, terminates ST Compatible, SC and LC Connectors; includes FBC-002 basic cleaver; jumpers and adapters for continuity test set function; includes all required fiber preparation, cleaning tools and materials. VFL-350 (CTS light source) sold separately.
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TKT-UNICAM Accessories

FBC-002	Basic Cleaver, score and snap style cleaver
VFL-350	Visual Fault Locator, 635 nm pen-style light
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

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Part Number	Description
Cleaning Accessories	
TKT-CLEAN-SFC	Kits contain recommended products to effectively clean 2.5 mm and 1.25 mm single-fiber connectors. Includes single-fiber connector cleaning cassette, connector end-face cleaning solution, lint-free wipes and cleaning sticks.
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
FCC-WIPES	Wipes, (90 per tube)
CLEANER-PORT-2.5	Single-fiber Port Cleaver for 2.5 mm ferruled connectors (SC, ST® Compatible)
CLEANER-PORT-LC	Single-fiber Port Cleaver for LC, Keyed LC and MU connectors
CLEANER-UNIV-CASS	Universal Connector Cleaning Cassette, cleans pinned and pinless connectors with ferrules

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UniCam® Single-Fiber Connector Tool Kit Comparison Matrix

All UniCam Connector Tool Kits include all required tools, complete instructions, strip length gauge and an installation video DVD.

Part Number	Description	Qty	TKT-UNICAM-PFC	TKT-UNICAM
TL-UCP	High-Performance Installation Tool with integrated CTS	1	X	
TL-UC01	UniCam Standard Installation Tool	1		X
FBC-007	High-Performance Precision Cleaver with diamond blade	1	X	
FBC-002	Basic Cleaver, score and snap style	1		X
Not sold separately	5-in Electrician's Scissors with notches	1	X	X
3201007-01	Crimp Tool	1	X	X
TL-3HM	"Three-Hole" Miller Tool Fiber Stripper (for 900 µm, 250 µm fiber and jacketed cable)	1	X	
2104502-01	"Dual-Hole" Miller Tool Fiber Stripper (for 900 µm and 250 µm fiber)			Qty. 1
2104498-01	Plastic Refuse Container	1	X	
3206001-01	6-inch Jacket Sheath Removal Tool			Qty. 1
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
Not sold separately	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	
CLEAN-STICKS-250	SC and ST Compatible 2.5 mm Ferrule Cleaning Sticks	1	X	
CLEAN-STICKS-125	1.5 mm Ferrule Cleaning Sticks	1	X	
FCC-WIPES	Package of Corning® Wipes	1	X	X
FCC-CLEANER-FIBER	Bottle of Corning Fiber Cleaning Fluid	1	X	X
Not sold separately	Electrical Tape, black	1		X
02-036475-001	UniCam® High-Performance Tool Bag with integrated waste receptacle and organized foam insert interior	1	X	
2104407-01	Standard UniCam Tool Bag	1		X
HAN-UNI	Double-sided Handler for direct 250 µm and fan-out tubing		Qty. 1	
HAN-STANDARD	Double-sided Fiber Handler for 900 µm and jacketed cable		Qty. 1	
HAN-TRACK	Fiber Handler Track		Qty. 1	
FBC-14-15-16-BLADE	Diamond Blade for FBC-007 cleaver		Qty. 1	

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

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