UniCam® Connector Installation Tool Kits

A LANscape® Pretium™ Solutions Product

Applications

- UniCam® Connector installations
- Local area networks (LANs), including main cross-connect, telecommunications room and telecommunications enclosures
- Fiber-to-the-desk
- Data centers

Description

Corning Cable Systems offers several tool kits for installation of UniCam Connectors. The flagship tool kit is the UniCam Pretium™ Tool Kit (TKT-UNICAM-PFC), a thoughtfully designed tool kit that virtually eliminates human variability from installation. The TKT-UNICAM-PFC includes a lightweight, handheld installation tool with an immediate go/no-go feedback signal, providing 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. The UniCam Pretium Tool Kit can be used with multimode or single-mode LC, SC and ST® Compatible 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 and can be used to terminate all single- and 2-fiber UniCam Connector styles (SC, LC, ST compatible, FC and MT-RJ connectors). UniCam Pretium-Performance Multimode Connectors (SC, LC and ST compatible) can achieve Pretium-performance with the use of this tool.

The UniCam Connector Installation Tool Kit with Continuity Test Set (TKT-UNICAM-CTS) provides a visual feedback feature when terminating UniCam SC, LC, ST Compatible or MT-RJ Connectors. Useful for reducing scrap rates or for training new installers, the TKT-UNICAM-CTS is very popular, since the installer can watch for the red glow in the back of the connector to dim or disappear. This indicates that the field fiber is inserted properly in the connector.

UniCam Pretium Tool Kit | Photo LAN769

UniCam Connector Standard Installation Tool Kit | Photo LAN596

UniCam MTP® Connector Installation Tool Kit | Photo LAN598

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Product Specifications

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Finally, the UniCam® MTP® Connector Installation Tool Kit (TKT-UNICAM-MTP) is designed for quick termination of ribbon cables using the UniCam MTP Connector. Conveniently packaged in an easy-to-carry hard case, the tool kit is compact and easy to carry around the job site. The UniCam MTP Connector is a single-ferrule design that terminates 12 fibers at a time in one connector.

The installation tool kit for this connector contains a high-performance ribbon cleaver for superior cleave performance. Also included in the kit is a ribbon coating thermal stripper, ribbon insertion tool, crimp tool and fiber preparation and cleaning materials.

Tool Kit / Connector Compatibility Matrix

Description	TKT-UNICAM-PFC	TKT-UNICAM	TKT-UNICAM-CTS	TKT-UNICAM
UniCam Pretium™-Performance Multimode Connectors (LC, SC and ST Compatible)	X	X	X	
UniCam Pretium-Performance Single-Mode Connectors (LC, SC and ST® Compatible)	X	X[1]	X[1]	
UniCam Composite Ferrule Multimode Connectors (SC and ST Compatible)	X	X	X	
UniCam FC Multimode and Single-Mode Connectors		X	X[2]	
UniCam MT-RJ Multimode and Single-Mode Connectors		X	X	
UniCam APC Single-Mode Connectors (LC and SC)	X	X	X	
UniCam Pretium-Performance 250 Micron Multimode Connectors (SC and LC)	X	X	X	
UniCam Pretium-Performance 250 Micron Single-Mode Connectors (SC and LC)	X	X[1]	X[1]	
UniCam MTP Multimode and Single-Mode Connectors				X

[1] Pretium-performance specifications require use of the UniCam Pretium Tool Kit.

[2] FC Connectors are not compatible with the Continuity Test Set but can be used with the installation tool.

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Features / Benefits

UniCam® Pretium™ Tool Kit (TKT-UNICAM-PFC)

- Virtually eliminates human variability in installation, ensuring consistent, reliable results

- UniCam Pretium Installation Tool uses a go/no go LED to provide unmistakable confirmation of a successful termination

- Pretium Cleaver uses dual-clamp precision and a diamond blade for a superior cleave

- About 45 seconds per connector to install

- Sleek, well-organized carrying case with built-in conveniences for easy, on-the-go field terminations.

- Tool kit designed to allow work out of the bag, eliminating set-up and tear-down time

- One kit terminates both single-mode and multimode LC, SC and ST® Compatible Connectors

UniCam Pretium Installation Tool | Photo LAN770

Standard UniCam Connector Installation Tool Kit (TKT-UNICAM)

- Convenient carrying bag contains all of the components necessary to terminate UniCam Connectors

- Installs SC, LC, ST Compatible and FC connectors in less than a minute (MT-RJ, less than three minutes)

- One kit terminates both single-mode and multimode UniCam Connectors

Standard UniCam Connector Installation Tool Kit with Continuity Test Set (TKT-UNICAM-CTS)

- Convenient carrying bag contains all of the components necessary to terminate UniCam Connectors
- Installs SC, LC, ST compatible and FC connectors in less than a minute (MT-RJ, less than three minutes)
- One kit terminates single-mode and multimode UniCam Connectors
- CTS option reduces scrap rate and helps train new installers

Pretium Cleaver | Photo LAN805

UniCam MTP® Connector Installation Tool Kit (TKT-UNICAM-MTP)

- Convenient padded hard-side carrying case

- One kit terminates both single-mode and multimode UniCam MTP Connectors with or without jacket retention

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Specifications

Part Number	Dimensions	Shipping Weight
TKT-UNICAM-PFC	40 x 25 x 20 cm (16 x 10 x 8 in)	2.4 kg (5.2 lb)
TKT-UNICAM	24 x 13 x 35 cm (9.5 x 5 x 13.62 in)	2.7 kg (6 lb)
TKT-UNICAM-CTS	38 x 24 x 28 cm (15 x 9.5 x 11 in)	3.6 kg (8 lb)
TKT-UNICAM-MTP	48 x 38 x 20 cm (19 x 15 x 8 in)	10 kg (22 lb)

Ordering Information

UniCam® Pretium™ Tool kit

Part Number	Description
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 and cleaning tools and materials

TKT-UNICAM-PFC Accessories

Part Number	Description
FBC-015	Pretium Flat Cleaver
FBC-PRETIUM-BLADE	Replacement Blade for the Pretium Flat Cleaver
TLC-UCP	UniCam Pretium Installation Tool
TKT-FCC	Fiber Cleaning Kit
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

Part Number	Description
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 and components for single-fiber Continuity Test Set (CTS) applications; visual fault locator (VFL) not included; includes all required fiber preparation and cleaning tools and materials

TKT-UNICAM Accessories

Part Number	Description
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 penlight style

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Ordering Information (continued)

UniCam® Connector Installation Tool Kit with Continuity Test Set

Part Number	Description
TKT-UNICAM-CTS	TKT-UNICAM plus splitter box, SC, ST® compatible, LC and MT-RJ CTS Adapters and Jumpers needed to add CTS functionality; VFL is included

TKT-UNICAM-CTS Accessories

TER-CTS-MTRJ	CTS Adapter for UniCam MT-RJ Connectors
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 penlight style
2104359-01	Universal Connector Cleaning Cassette, cleans pinned and pinless connectors with ferrules

UniCam MTP® Connector Termination Kit (TKT-UNICAM-MTP)

Qty.	Description	Part Number
1	Microscope, 200x coaxial inspection	CSCOPE
1	Ribbon Jacket Cutting Tool with blades	JCT-001
1	Scissors, electrician	100294-01
1	Bottle, pump dispenser	1603003-01
1	Marker, permanent black	N/A
1	Tape, electrical	2104047-01
1	Tool, MTP Connector installation	2104344-01
1	UniCam MTP Connector Stripper	2104388-01
1	Strip Length Gauge, MTP Connector	2104390-01
1	UniCam MTP Connector Adapter, ribbon cleave inspector	2104391-01
1	Splitter, Jacket, Ribbon Cable, UniCam MTP Connector	2104447-01
1	Handler, ribbon, 12-fiber, jacketed	2104448-01
1	MTP Connector Complete Tool Kit Case	2110008-01
1	Cleaver, FBC-012 multifiber	FBC-012
1	Brush, small X-7	2809049-01
1	miniMass® Micro Fusion Splicer Handler, 12-fiber wide right	2814032-01
1	Stripper, ribbon S218	2814048-01
1	Crimp Tool, matrix MTP Connectors	3201024-01
1	Crimp Tool, MTP Epoxy-and-Polish Connectors	3201027-01
1	Tweezer, black plastic styrene	3216004-01
1	Wrench, 3/32 Allen	3222002-01
1	Wipes, lint free	3615001-01

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

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

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

Qty	Description	Part Number	TKT-UNICAM-PFC	TKT-UNICAM	TKT-UNICAM-CTS
1	UniCam Pretium™ Installation Tool with Integrated CTS	**TL-UCP**	X		
1	UniCam Standard Installation Tool	**TL-UC01**		X	X
1	UniCam Continuity Test System (CTS)	**TEST-UNICAM-CTS**			X
1	Pretium Flat Cleaver with Diamond Blade and Built-In Fiber Scrap Container	**FBC-015**	X		
1	Score and Snap Cleaver	**FBC-001**		X	X
1	Visual Fault Locator	**VFL-350**			X
1	5" Electrician's Scissors with Notches	**100294-01**	X	X	X
1	Crimp Tool	**3201007-01**	X	X	X
1	6" Wire Fiber Stripper	**3206001-01**	X	X	X
1	"Dual-Hole" Miller Tool Fiber Stripper (for 900 µm and 250 µm fiber)	**2104502-01**	X		
1	Plier-Style Fiber Stripper	**3205004-01**		X	X
1	No-Niks Fiber Stripper for 900 µm fiber	**3205007-01**		X	X
1	Plastic Refuse Container	**2104498-01**	X		
1	Retractable Permanent Marker	**Not sold separately**	X		
1	Standard Capped Permanent Marker	**Not sold separately**		X	X
1	Tweezers	**100312-01**		X	X
1	SC and ST® Compatible 2.5 mm Ferrule Adapter	**VFL-A250**	X		
1	LC 1.25 mm Ferrule Adapter	**VFL-A125**	X		
1	SC and ST Compatible 2.5 mm Ferrule Cleaning Sticks (10/pack)	**2104255 -01**	X		
1	1.5 mm Ferrule Cleaning Sticks (10/pack)	**2104417-01**	X		
1	Package of Corning Wipes	**2104493-01**	X		
1	Bottle of Corning Fiber Cleaning Fluid	**2104494-01**	X		
6	Generic Alcohol Wipes	**1508001-01**		X	X
1	Electrical Tape, black	**2104282-01**		X	X
1	UniCam Pretium Tool Bag with Integrated Waste Receptacle and Organized Foam Insert Interior	**02-001860-001**	X		
1	Standard UniCam Tool Bag	**2104407-01**		X	X

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