

# UniCam® Connector Installation Tool Kits

A LANscape® Solutions Product

## Applications

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

## Description

Corning Cable Systems offers several tool kits for installation of UniCam Connectors. The flagship tool kit is the UniCam Premium™ 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 fibre scrap bin and a dual-clamp precision hold for the field fibre, with a diamond blade to achieve a superior cleave. The UniCam Premium Tool Kit can be used with multimode or singlemode LC, SC and ST® Compatible UniCam Connectors (standard and Premium-performance), and is required to achieve Premium-performance specifications for UniCam Premium-Performance Singlemode 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-fibre UniCam Connector styles (SC, LC, ST compatible, FC and MT-RJ connectors). UniCam Premium-Performance Multimode Connectors (SC, LC and ST compatible) can achieve Premium-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 fibre is inserted properly in the connector.



UniCam Premium Tool Kit



UniCam Connector Standard Tool Kit



UniCam MTP Connector Installation Tool Kit

# UniCam<sup>®</sup> Connector Installation Tool Kits

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## Description (continued)

Finally, the UniCam<sup>®</sup> MTP<sup>®</sup> 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 fibres 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 fibre preparation and cleaning materials.

## Tool Kit / Connector Comparison Matrix

Description	TKT-UNICAM-PFC	TKT-UNICAM	TKT-UNICAM-CTS	TKT-UNICAM-CTS-SF
UniCam Pretium™-Performance Multimode Connectors (LC, SC and ST Compatible)	X	X	X	X
UniCam Pretium-Performance Singlemode Connectors (LC, SC and ST <sup>®</sup> Compatible)	X	X <sup>1</sup>	X	X
UniCam Composite Ferrule Multimode Connectors (SC and ST Compatible)	X	X	X	X
UniCam FC Multimode and Singlemode Connectors		X	X <sup>2</sup>	X <sup>2</sup>
UniCam MT-RJ Multimode and singlemode Connectors		X	X	X
UniCam APC Singlemode Connectors (LC and SC)	X	X	X	X
UniCam Pretium-Performance 250 Micron Multimode Connectors (SC and LC)	X	X	X	X
UniCam Pretium-Performance 250 Micron Singlemode Connectors (SC and LC)	X	X	X <sup>1</sup>	X <sup>1</sup>

<sup>1</sup> Pretium-performance specifications require use of the UniCam Pretium Tool Kit.

<sup>2</sup> 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 singlemode and multimode LC, SC and ST® Compatible Connectors

### 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 singlemode 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 singlemode and multimode UniCam Connectors
- CTS option reduces scrap rate and helps train new installers

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

- Convenient padded hard-side carrying case
- One kit terminates both singlemode and multimode UniCam MTP Connectors with or without jacket retention



UniCam Pretium Installation Tool



Premium Cleaver

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

- 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
- One kit terminates singlemode and multimode UniCam Connectors
- CTS option reduces scrap rate and helps train new installers
- Not available for MT-RJ

# UniCam® Connector Installation Tool Kits

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## Specifications

Order Number	Dimensions (H x W x D)	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-CTS-SF	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

Order Number	Description
<b>UniCam® Pretium Toolkit</b>	
TKT-UNICAM-PFC	UniCam Pretium Tool Kit; includes UniCam Pretium Installation Tool for termination of multimode and singlemode SC, LC and ST® Compatible Connectors; includes Pretium Flat Cleaver, 1.25 and 2.50 mm VFL ferrule adapters, and all required fibre preparation and cleaning tools and materials
FBC-015	Pretium Flat Cleaver
FBC-PRETIUM-BLADE	Replacement Blade for the Pretium Flat Cleaver
TLC-UCP	UniCam Pretium Installation Tool
TKT-FCC	Fibre 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® Installation Toolkit

TKT-UNICAM	Basic Installation Kit for single-fibre and 2-fibre UniCam Connectors, terminates single-fibre ST compatible, SC, LC and FC, as well as 2-fibre UniCam MT-RJ Connectors; includes FBC-001 Score and Snap cleaver and components for single-fibre Continuity Test Set (CTS) applications; visual fault locator (VFL) not included; includes all required fibre preparation and cleaning tools and materials
FBC-001	Score and Snap Cleaver
TEST-UNICAM-CTS	Converts an existing TKT-UNICAM kit to add the CTS option; SC, ST compatible and LC CTS adapters and jumpers
VFL-350	Visual Fault Locator, 635 nm penlight style

### UniCam® Connection Installation Toolkit with Continuity Test Set

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-SF	Single-fibre TKT-UNICAM plus splitter box, SC, ST® compatible, LC and MT-RJ CTS Adapters and Jumpers needed to add CTS functionality; VFL is included
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® Connector Installation Tool Kits

## Ordering Information

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

Qty.	Description	Order 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-fibre, jacketed	2104448-01
1	MTP Connector Complete Tool Kit Case	2110008-01
1	Cleaver, FBC-012 multifibre	FBC-012
1	Brush, small	X-7 2809049-01
1	MiniMass® Micro Fusion Splicer Handler, 12-fibre wide right	2814032-01
1	Stripper, ribbon	5218 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.

# UniCam® Connector Installation Tool Kits

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## Ordering Information

### UniCam® Single- and 2-Fibre Connector Tool Kit Comparison Matrix

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

Qty.	Description	Order Number	TKT-UNICAM-PFC	TKT-UNICAM	TKT-UNICAM-CTS	TKT-UNICAM-CTS-SF
1	UniCam Pretium™ Installation Tool with integrated CTS	TL-UCP	X			
1	UniCam Standard Installation Tool	TL-UC01		X	X	X
1	UniCam Continuity Test System (CTS)	TEST-UNICAM-CTS			X	
1	Pretium Flat Cleaver with Diamond Blade and Built-In Fibre Scrap Container	FBC-015	X			
1	Score and Snap Cleaver	FBC-001		X	X	X
1	Visual Fault Locator	VFL-350			X	X
1	5" Electrician's Scissors with Notches	100294-01	X	X	X	X
1	Crimp Tool	3201007-01	X	X	X	X
1	6" Wire Fibre Stripper	3206001-01	X	X	X	X
1	"Dual-Hole" Miller Tool Fibre Stripper (for 900 µm and 250 µm fibre)	2104502-01	X			
1	Plier-Style Fibre Stripper	3205004-01		X	X	X
1	No-Niks Fibre Stripper for 900 µm fibre	3205007-01		X	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	X
1	Tweezers	100312-01		X	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 mmn 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 Fibre Cleaning Fluid	2104494-01	X			
6	Generic Alcohol Wipes	1508001-01		X	X	X
1	Electrical Tape, black	2104282-01		X	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	X