UniCam® High-Performance Single-Mode Connectors: LC, SC, ST® Compatible
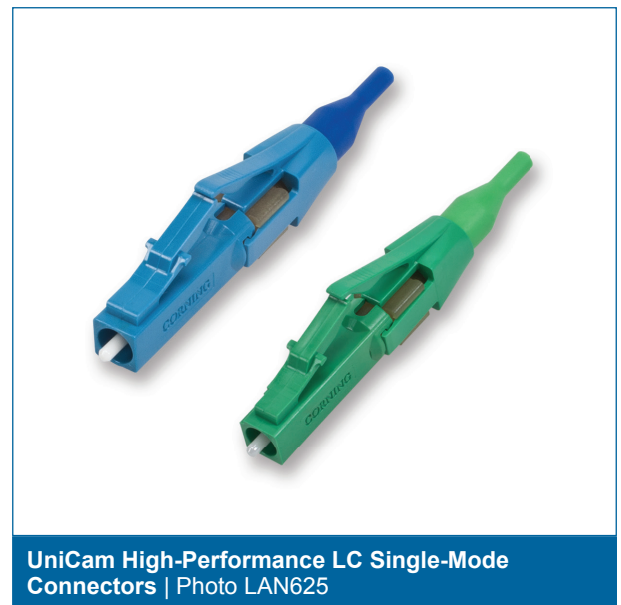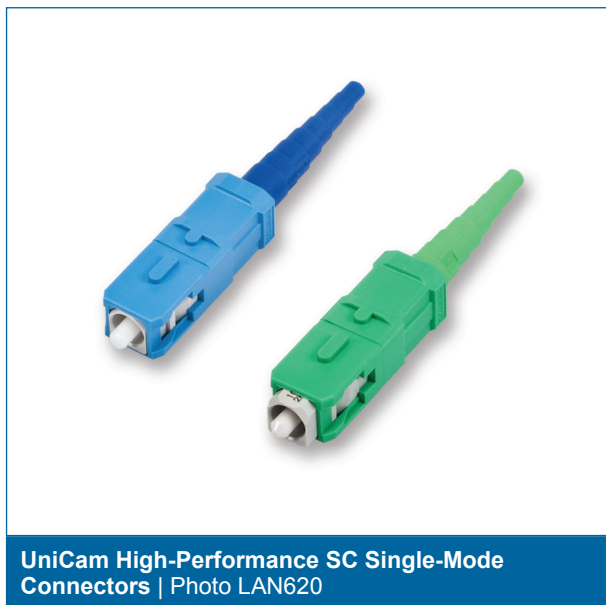
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Features and Benefits

Broad operating temperature (-40° to +75°C)
Utility and flexibility

Factory-polished end face
Consistent optical performance

Fast termination and no consumables
Low installation cost

Minimum insertion loss
Optimum optical performance

Corning UniCam® high-performance connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision connectors exceptional insertion loss – 0.1 dB typical/0.5 dB maximum per connector pair for multimode, 0.2 dB typical/0.5 dB maximum per connector pair for single-mode. Installation of an LC, SC, or ST® compatible connector can be accomplished in about 45 seconds with the UniCam high-performance tool kit. The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are right the first time, every time. This kit was designed with consideration for the network installers, from the cleaver, with its integrated fiber scrap bin and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance. Every UniCam connector is to meet the published specification at the time of installation or Corning will replace it.

UniCam High-Performance SC Single-Mode Connectors | Photo LAN620

UniCam High-Performance LC Single-Mode Connectors | Photo LAN625

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UniCam High-Performance SC and LC Single-Mode Organizer Packs | Photo LAN4378

UniCam High-Performance Tool Kit | Photo LAN769

Specifications

Single-Mode						
	Polish	Insertion Loss, Typical	Insertion Loss, Maximum	Reflectance	Housing Color	Boot Color
LC	SPC	0.2 dB	0.5 dB	≤ -40 dB	Blue	White
LC	UPC	0.2 dB	0.5 dB	≤ -55 dB	Blue	Blue
SC	SPC	0.2 dB	0.5 dB	≤ -40 dB	Blue	White
SC	UPC	0.2 dB	0.5 dB	≤ -55 dB	Blue	Blue
ST® Compatible	SPC	0.2 dB	0.5 dB	≤ -40 dB	Amber	White
ST® Compatible	UPC	0.2 dB	0.5 dB	≤ -55 dB	Amber	Blue

Operation	-40 °C to 75 °C exceeding EIA/TIA 568-B.3
Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-10A (LC); TIA/EIA 604-3 (SC); TIA/EIA 604-2 (ST® Compatible Connectors)
Qualification	Passed EIA/TIA 568-B.3
Durability	0.2 dB change, 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	10 lb ≤ 0.2 dB change on jacketed cable exceeds; 0.5 lb ≤ 0.2 dB change on 900 µm cable; FOTP-6

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LC Connectors

Part Number	Description	Units per Delivery
95-200-94	UniCam® High-Performance Connector, LC APC, Single-mode (OS2), ceramic ferrule, logo, single pack, green housing, green boot	1/1
95-200-94-Z	UniCam® High-Performance Connector, LC APC, Single-mode (OS2), ceramic ferrule, logo, organizer pack, green housing, green boot	25/1
95-200-99	UniCam® High-Performance Connector, LC, Single-mode (OS2), ceramic ferrule, logo, single pack, blue housing, blue boot	1/1
95-200-99-Z	UniCam® High-Performance Connector, LC, Single-mode (OS2), ceramic ferrule, logo, organizer pack, blue housing, blue boot	25/1

SC Connectors

Part Number	Description	Units per Delivery
95-200-41	UniCam® High-Performance Connector, SC, Single-mode (OS2), ceramic ferrule, logo, single pack, blue housing, blue boot	1/1
95-200-41-Z	UniCam® High-Performance Connector, SC, Single-mode (OS2), ceramic ferrule, logo, organizer pack, blue housing, blue boot	25/1
95-200-44	UniCam® Standard-Performance Connector, SC APC, Single-mode (OS2), ceramic ferrule, logo, single pack, green housing, green boot	1/1

ST® Compatible

Part Number	Description	Units per Delivery
95-200-51	UniCam® High-Performance Connector, ST® Compatible, Single-mode (OS2), ceramic ferrule, logo, single pack, amber housing, blue boot	1/1
95-200-51-Z	UniCam® High-Performance Connector, ST® Compatible, Single-mode (OS2), ceramic ferrule, logo, organizer pack, amber housing, blue boot	25/1

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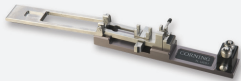
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Tool Kits and Accessories

Part Number	Product Description	Units per Delivery	
TKT-UNICAM-PFC	UniCam® High-performance Tool Kit: includes High-performance Installation Tool for termination of multimode and single-mode LC, SC and ST® Compatible Connectors; includes High-performance Precision Flat Cleaver, 1.25 and 2.50 mm VFL ferrule adapters and all required fiber preparation, cleaning tools and materials	1/1	
TKT-UNICAM	Standard Installation Tool Kit for single-fiber UniCam® Connectors, terminates LC, SC and ST® Compatible Connectors; includes FBC-002 basic cleaver, continuity test set (CTS) with adapters; includes all required fiber preparation, cleaning tools and materials	1/1	
FBC-14-15-16-BLADE	Replacement Diamond Blade for the High-performance Precision Flat Cleaver	1/1	
VFL-A125	LC VFL adapter for 1.25 mm ferrules (for UniCam® High-Performance Installation Tool only)	1/1	
VFL-A250	SC and ST® Compatible VFL Adapter for 2.5 mm ferrules for UniCam® High-performance Installation Tool only	1/1	
VFL-AKIT	UniCam® VFL Adapter Kit for High-performance Installation Tool	1/1	
TER-CTS-LC	CTS Adapter for UniCam® LC Connectors	1/1	
TER-CTS-SC	CTS Adapter for UniCam® SC Connectors	1/1	

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Tool Kits and Accessories

Part Number	Product Description	Units per Delivery	
TER-CTS-ST	CTS Adapter for UniCam® ST® Compatible Connectors	1/1	
VFL-350	Visual Fault Locator, 635 nm penlight style	1/1	
TL-UCP	UniCam® High-performance Connector Installation Tool with integrated continuity test set (CTS)	1/1	
TL-UC01	UniCam® Standard-performance Installation Tool	1/1	

Cleaning Accessories

Part Number	Product Description	Units per Delivery	
FCC-WIPES	Lint-free Cleaning Wipes, canister of 90	90/1	
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid, 3 oz can	1/1	

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Notes

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