

# UniCam High-Performance Connector, ST<sup>®</sup> Compatible

50  $\mu$ m multimode (OM2)

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Corning Cable Systems UniCam<sup>®</sup> High-Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision connectors guarantee exceptional insert loss – 0.1 dB typical/0.5 dB maximum per connector pair for multi-mode, 0.2 dB typical/0.5 dB maximum per connector pair for single-mode. Installation of an LC, SC, or ST<sup>®</sup> 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 guaranteed. Every UniCam Connector is guaranteed to meet the published specification at the time of installation or Corning Cable Systems will replace it.



Part Number: 95-050-51

## 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

## Standards

**Approval and Listings** Passed EIA/TIA 568-B.3

**Intermateability** Connectors are FOCIS compliant with TIA/EIA 604-2 and IEC61754-2



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## Specifications

General Specifications	
Product Type	Field-Installable Connectors
Technology	No-Epoxy/No-Polish
Keyed	No
Corning Logo	Yes
Packaging	Single Pack

  

Temperature Range	
Operation	-40 °C to 75 °C exceeding EIA/TIA 568-B.3 (-40 °F to 167 °F exceeding EIA/TIA 568-B.3)

  

Design	
Connector Type	ST <sup>®</sup> Compatible
Ferrule	Ceramic
Housing material	Composite
Housing Color	Amber
Boot Color	Black

  

Mechanical Specifications - Connector	
Durability	≤ 2 dB change by 500 rematings, FOTP-21
Tensile strength jacketed cable	44 N, change ≤ 2 dB, FOTP-6 (10 lb, change ≤ 2 dB, FOTP-6)
Tensile strength 900μ cable	22 N, change ≤ 2 dB, FOTP-6 (5 lb, change ≤ 2 dB, FOTP-6)
Nominal fiber outer diameter	125 μm

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## Optical Specifications - Connector

Fiber Class	50 µm MM (OM2)
Insertion loss, typical	0.2 dB
Insertion loss, max.	0.5 dB
Reflectance	≤ -55 dB
Polish	UPC

## Chemical characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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## Ordering Information

Order Number	95-050-51
Product description	UniCam <sup>®</sup> High-Performance Connector, ST <sup>®</sup> Compatible, 50 µm multimode (OM2), ceramic ferrule, logo, single pack, amber housing, black boot

## Shipping Information

Units per Delivery	1/1
Package Contents	Connector, crimp band, boot (900 µm), boot (3.0 mm)

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