

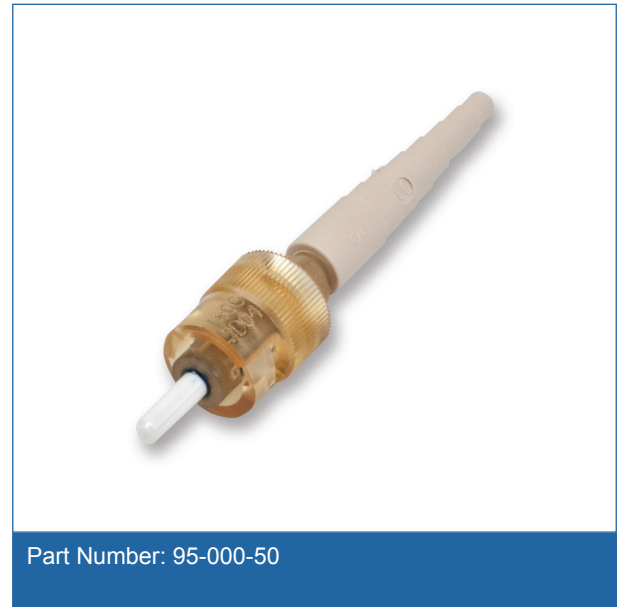
UniCam® Connector, ST® Compatible

62.5 μm multimode (OM1)

CORNING

Corning UniCam® multimode standard-performance connectors offer optical performance in a fast, easy field-termination solution ideal for fiber-to-the-workstation applications where setup and teardown time is critical. The high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively.

The lightweight, hand-held installation tool and high-performance precision cleaver virtually eliminate human variability during installation, ensuring terminations are right the first time, every time. This kit was designed with consideration for network installers, from the cleaver, with its intuitive, hand-held precision design and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal indicating proper mating of the field fiber to the fiber stub. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance assured. Every UniCam® connector is assured to meet the published specification at the time of installation or Corning will replace it.



Features and Benefits

Performance guaranteed

100 percent yield guarantee

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
Fiber Category	62.5 μm MM (OM1)

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	
Connector Type	ST [®] Compatible
Ferrule Material	Ceramic
Housing Material	Composite
Housing Color	Amber
Boot Color	Beige

Mechanical Specifications - Connector	
Durability	≤ 0.2 dB change by 500 rematings, FOTP-21
Nominal Fiber Outer Diameter	125 μm
Tensile Strength Jacketed Cable	50 N, change ≤ 0.2 dB, FOTP-6 (11 lb, change ≤ 0.2 dB, FOTP-6)
Tensile Strength 900 μm Cable	4.9 N, change ≤ 0.2 dB, FOTP-6 (1.1 lb, change ≤ 0.2 dB, FOTP-6)

Optical Specifications - Connector	
Insertion Loss, Typical	0.3 dB
Insertion Loss, Maximum	0.75 dB
Reflectance	≤ -26 dB

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Chemical Characteristics

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

Part Number	95-000-50
Product Description	UniCam® Standard-Performance Connector, ST® Compatible, 62.5 µm multimode (OM1), ceramic ferrule, logo, single pack, amber housing, beige boot

Shipping Information

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



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