

UniCam High-Performance Connector, ST[®] Compatible

50 μ m multimode (OM2)

CORNING

Corning Cable Systems UniCam[®] 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[®] 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.



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 |
| Fiber Category | 50 µm MM (OM2) |

| 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 A | |
|----------------------|----------------------------|
| Connector Type | ST [®] Compatible |
| Ferrule | Ceramic |
| Housing Material | Composite |
| Housing Color | Amber |
| Boot Color | Black |
| Crimp Size | 1.6 mm / 2.0 mm / 3.0 mm |
| Pinned | No |
| Polish | PC |

| Optical Specifications - Connector A | |
|--------------------------------------|----------|
| Insertion Loss, Typical | 0.2 dB |
| Insertion Loss, Max. | 0.5 dB |
| Reflectance | ≤ -55 dB |

| Chemical Characteristics | |
|--------------------------|-----------------------------------------------------------|
| RoHS | Free of hazardous substances according to RoHS 2002/95/EG |

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Ordering Information

| | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number | 95-050-51 |
| Product Description | UniCam [®] High-Performance Connector, ST [®] 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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