

UniCam® Standard-Performance Connector, SC

50 µm multimode (OM2)

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Corning Cable Systems 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, 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 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

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

Compliant with EIA/TIA 568-B.3

Intermateability

Connectors are FOCIS compliant with TIA/EIA 604-3 and IEC61754-4

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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	0 °C to 60 °C, meets TIA/EIA 568-B.3 (32 °F to 140 °F, meets TIA/EIA 568-B.3)

Design - Connector A	
Connector Type	SC
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Black
Boot Color	Black

Mechanical Specifications - Connector A	
Durability	≤ 0.2 dB change by 500 rematings, FOTP-21
Tensile Strength Jacketed Cable	44 N, change ≤ 0.2 dB, FOTP-6 (10 lb, change ≤ 0.2 dB, FOTP-6)
Tensile Strength 900µ Cable	2.2 N, change ≤ 0.2 dB, FOTP-6 (0.5 lb, change ≤ 0.2 dB, FOTP-6)
Nominal Fiber Outer Diameter	125 µm

Optical Specifications - Connector A	
Insertion Loss, Typical	0.3 dB
Insertion Loss, Max.	0.75 dB
Reflectance	≤ -20 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	95-050-40
Product Description	UniCam® Standard-Performance Connector, SC, 50 µm multimode (OM2), ceramic ferrule, logo, single pack, black housing, black boot

Shipping Information

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



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