UniCam® Connectors SC, Organizer pack, 50 µm Multimode (OM2), Black

Part Number:
95-050-41-Z

Corning® UniCam® connectors offer high optical performance in a fast, easy field-termination solution—ideal for fiber-to-the-workstation setups where time matters. Using precision mechanical splice tech, UniCam enables quick, cost-effective fiber installations. With the High-Performance Tool Kit, LC, SC, or ST® connectors install in just 50 seconds to one minute.

The lightweight tool and precision cleaver reduce human error, ensuring consistent terminations. The cleaver's dual-clamp design and the tool's go/no-go feedback confirm proper fiber mating. Installation is simple: strip, clean, cleave, cam, and crimp. Corning guarantees performance—if a connector doesn't meet specs, it's replaced.

UniCam connectors suit all field-installable fiber needs, reducing total cost. Each acts like a mini pigtail with a factory-installed fiber stub, aligned via patented splice tech. No epoxy or polishing needed.

For added security, Corning offers keyed LC connectors for up to eight segregated networks. Color-coded keys prevent unauthorized access and simplify ID. Keyed connectors on both patch panel sides ensure matched access rights—features not replicable with standard LC components.

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Specifications

General Specifications	
Product Type	Field-Installable Connectors
Fiber Category	50 µm MM (OM2)
Corning Logo	Yes
Keyed (security)	No
Technology	No-Epoxy/No-Polish

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	Passed EIA/TIA 568-B.3

Environmental Conditions	
Temperature Range, Operation	-40 °C to 75 °C (-40 °F to 167 °F)

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

Mechanical Specifications - Connector	
Nominal Fiber Outer Diameter	125 µm
Tensile Strength Jacketed Cable	50 N (11.24 lbf)
Durability	≤ 0.2 dB change, 500 rematings, FOTP-21
Tensile Strength 900 µm Cable	4.9 N (1.1 lb) change ≤ 0.2 dB, FOTP-6

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Optical Specifications - Connector	
Insertion Loss, Max.	0.5 dB
Reflectance	≤ -26 dB

Ordering Information	
Product Number	95-050-41-Z
Packaging Method	Organizer Pack
Package Contents	25 connectors, 25 shrouds, 25 boots (900 µm)
Units per Delivery	25/1

RoHS COMPLIANT

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