

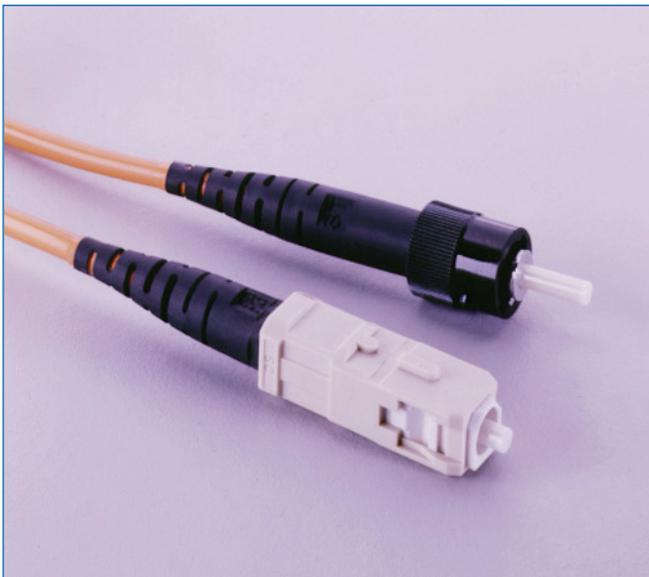
Anaerobic-Cure Glass-Insert Connectors

A LANscape®
Solutions Product

features and benefits |

Fast-cure anaerobic adhesive	No lamps or ovens needed
Glass-in-ceramic ferrule	Ensures proper curing
Pre-assembled parts	Low installation cost in time and productivity
Hand polish for minimum insertion loss	Reliability and optical performance

Corning Cable Systems Anaerobic-Cure Glass-Insert Connectors (GIC) offer a fast, easy field-termination solution ideal for main, intermediate or horizontal cross-connects. This connector combines the quick-cure convenience of anaerobic adhesive with the polishing advantages of the glass-in-ceramic ferrule. The parts are pre-assembled to save time and improve productivity. Utilizing a metal ferrule holder, the Anaerobic-Cure GIC can be assembled on 900 µm fiber or 3-mm jacketed cable. The anaerobic cure technology enables fiber optic networks to be installed quickly and cost effectively in less than three minutes with the anaerobic adhesive two-part epoxy process. The adhesive is first injected into the connector ferrule and the fiber is dipped into the primer and inserted into the connector where it adheres uniformly to the inside of the glass-insert. This ensures proper curing through the entire length of the ferrule, including the tip, in only one minute without the use of lamps or ovens. The glass-insert rapidly polishes to the desired finish without the laborious and difficult hand polishing of ceramic and achieves an average insertion loss of 0.2 dB.



Anaerobic-Cure Glass-Insert Connectors | Photo CCA72

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specifications |

Parameter	Description
Intermateability	All ST® Compatible and SC Connectors
Insertion Loss	0.2 dB average, FOTP-171
Durability	$\Delta \leq 0.2$ dB, FOTP-21, 500 rematings
Temperature Cycling	$\Delta \leq 0.3$ dB, FOTP-3, -40° to +75°C, 21 cycles

ordering information |

Part Number	Description
95-101-11-SP	ST Compatible Multimode, Glass-Insert, Anaerobic-Cure Connector* used on 62.5 μ m fiber
95-051-11-SP	ST Compatible Multimode, Glass-Insert, Anaerobic-Cure Connector* used on standard 50 μ m or laser-optimized 50 μ m fiber**
95-101-16-SP	SC Multimode Glass-Insert Anaerobic-Cure Connector* used on 50 μ m or 62.5 μ m fiber**
95-051-16-SP	SC Multimode Glass-Insert Anaerobic-Cure Connector* used on standard 50 μ m or laser-optimized 50 μ m fiber**
95-400-03-BP	SC Duplex Clips (100/pack)

* This connector is NOT UV-curable.

** Mating a 50 μ m Anaerobic-Cure GIC to another 50 μ m Anaerobic-Cure GIC is not recommended; mating to patch cords or electronics is the recommended application.

Accessories

TKT-ANAEROBIC2	Installation Kit for Anaerobic-Cure Connectors; includes consumables for 500 connectors
TKT-ANAEROBIC2-C	Anaerobic Consumables Kit; includes adhesive and polishing papers for 500 connectors
3201031-01	Jacket Retention Crimp Tool
1101045-01	Anaerobic Adhesive, Primer and Syringe Tips
CLEANER-UMV-CASS	Universal Connector Cleaning Cassette; cleans over 500 connectors

Note: For existing UV-curable, glass-insert users, the only additional tooling required is the jacket retention crimp tool (320104-01) and the adhesive and primer (1101045-01). Polishing procedures are exactly the same.

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