

Anaerobic-Cure Glass-Insert Connectors

A LANscape® Solutions Product

Corning
Cable Systems

Applications

- Ideal for main, intermediate or horizontal cross-connects
- Installations requiring an epoxy and polish connector

Description

The Corning Cable Systems Anaerobic-Cure Glass-Insert ST® Compatible and SC Multimode Connector (GIC) is designed to incorporate all the polishing advantages of the glass-in-ceramic ferrule with the quick-cure installation of anaerobic adhesives. The parts have been pre-assembled to save you time and to 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 adhesive uses a two-part process. The adhesive is first injected in the ferrule. The fiber is then dipped into the primer and inserted into the connector. Curing takes one minute without the use of lamps or ovens.

With the glass-in-ceramic ferrule, the anaerobic adhesive adheres uniformly to the inside of the glass-insert, ensuring proper curing through the entire length of the ferrule, including the tip, thus allowing a quick and easy hand polish. The glass insert rapidly polishes to the desired finish without the laborious and difficult hand polishing of ceramic.

The Corning Cable Systems ST Compatible and SC Glass-Insert Multimode Connectors can be completely assembled and polished in less than three minutes.

Features / Benefits

- Fast-cure anaerobic adhesive; does not require electrical power
- Glass-in-ceramic ferrule; ensures proper curing
- Reduced installation time; less than three minutes assembled and polished
- Typical loss of 0.2 dB with physical contact polish

Note: This connector is not UV-curable.



Anaerobic-Cure Glass-Insert Connectors | Photo CCA72



Product Specifications

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
Cable Retention	$\Delta \leq 0.2$ dB, FOTP-6, 20 lb
Temperature Cycling	$\Delta \leq 0.3$ dB, FOTP-3, -40° to +75°C, 21 cycles
Humidity	$\Delta \leq 0.3$ dB, FOTP-5, 60°C at 95% RH, 168 hours
Impact	$\Delta \leq 0.1$ dB, FOTP-2, eight cycles

Note: This connector is not UV-curable.

Ordering Information

Part Number	Description
95-101-11-SP	ST Compatible Multimode, Glass-Insert, Anaerobic-Cure Connector (Note: This connector is NOT UV-curable); used on 62.5 μ m fiber
95-051-11-SP	ST Compatible Multimode, Glass-Insert, Anaerobic-Cure Connector (Note: This connector is NOT UV-curable); used on standard 50 μ m or laser-optimized 50 μ m fiber*
95-101-16-SP	SC Multimode Glass-Insert Anaerobic-Cure Connector (Note: This connector is NOT UV-curable); used on 50 μ m or 62.5 μ m fiber*
95-051-16-SP	SC Multimode Glass-Insert Anaerobic-Cure Connector (Note: This connector is NOT UV-curable); used on standard 50 μ m or laser-optimized 50 μ m fiber*
95-400-03-BP	SC Duplex Clips (100/pack)

*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
2104359-01	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 (3201014-01) and the adhesive and primer (1101045-01). Polishing procedures are exactly the same.



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