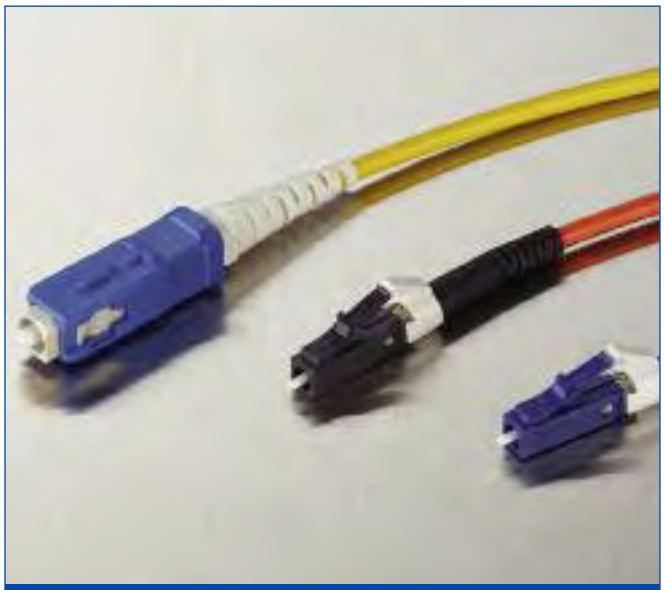
Anaerobic-Cure Connectors

A LANscape® Solutions Product

features and benefits |

Quick-cure epoxy	No lamps or ovens needed
Minimal tools and no index matching gel	Low installation cost
Hand polished for minimum insertion loss	Reliability and optical performance

Corning Cable Systems Anaerobic-Cure Connectors offer optical performance in a fast, easy field-termination solution designed for fiber-to-the-workstation applications for single-mode and multimode connections. This connector combines the quick-cure convenience of anaerobic adhesive with the performance of epoxy and polish connectors. Ideal for enterprise networks and any installations requiring field-installed connectors, the anaerobic cure technology enables fiber optic networks to be installed cost effectively with minimal tools. Installation of the connector can be accomplished in minutes with the anaerobic adhesive two-part epoxy process. The adhesive is first injected into the connector ferrule and then the fiber is dipped into the primer and inserted into the connector. Curing takes only one minute without the use of lamps or ovens. With the hand-polish process, an average insertion loss of 0.2 dB is achieved.



Anaerobic-Cure Connectors | Photo LAN611

TKT-ANAEROBIC2 Installation Tool Kit | Photo LAN395

CORNING | LANscape® Solutions

Anaerobic-Cure Connectors

A LANscape® Solutions Product

specifications |

Intermateability	Compliant with TIA/EIA 604-2 (ST® Compatible Connector), 604-3 (SC), 604-4 (FC) and 604-10 (LC)

	Multimode	**Single-mode**
Insertion Loss	0.2 dB average 0.75 dB maximum	0.2 dB average 0.75 dB maximum
Reflectance	≤ -26 dB	≤ -40 dB
Temperature Cycling	≤ 0.3 dB change, -40º to +75ºC; 21 cycles	same

ordering information |

Part Number	Description
Multimode	
95-051-52-SP	ST Compatible 50 µm Multimode Connector with ceramic ferrule and metal hardware; single pack
95-051-52-SP-X	ST Compatible 50 µm LOMMF* Connector with ceramic ferrule and metal hardware; single pack
95-101-52-SP	ST Compatible 62.5 µm Multimode Connector with ceramic ferrule and metal hardware; single pack
95-051-41-SP	SC 50 µm Multimode Connector with ceramic ferrule; single pack
95-051-41-SP-X	SC 50 µm LOMMF* Connector with ceramic ferrule; single pack
95-101-41-SP	SC 62.5 µm Multimode Connector with ceramic ferrule; single pack
95-051-61-SP	FC 50 µm Multimode Connector with ceramic ferrule; single pack
95-051-61-SP-X	FC 50 µm LOMMF* Connector with ceramic ferrule; single pack
95-101-61-SP	FC 62.5 µm Multimode Connector with ceramic ferrule; single pack
95-051-98-SP	LC 50 µm Multimode Connector with ceramic ferrule; single pack
95-051-98-SP-X	LC 50 µm LOMMF* Connector with ceramic ferrule; single pack
95-101-98-SP	LC 62.5 µm Multimode Connector with ceramic ferrule; single pack

** LOMMF = Laser-optimized multimode fiber.*

Anaerobic-Cure Connectors

A LANscape® Solutions Product

ordering information | (continued)

Part Number	Description
Single-mode	
95-201-52-SP	ST® Compatible Single-mode Connector with ceramic ferrule and metal hardware; single pack
95-201-41-SP	SC Single-mode Connector with ceramic ferrule and composite hardware; single pack
95-201-61-SP	FC Single-mode Connector with ceramic ferrule and composite hardware; single pack
95-201-98-SP	LC Single-mode Connector with ceramic ferrule and composite hardware; single pack
Boot Color	
All SC, FC and ST® Compatible Connectors come with 3 mm, 2 mm and 900 µm boots. LC connectors come with 3 mm, 900 µm and combination 2 mm/1.6 mm boots.	
50 µm	Black only
Laser-optimized multimode fiber	Aqua only
62.5 µm	Beige
Single-mode	Blue
Accessories	
TKT-ANAEROBIC2	Installation Kit for Anaerobic-Cure and Anaerobic-Cure Glass-Insert Connectors; includes consumables for 500 connectors
TKT-ANAEROBIC2-C	Anaerobic-Cure and Anaerobic-Cure GIC Consumables Kit; includes adhesive and polishing papers for 500 connectors
3201031-01	Jacket Retention Crimp Tool for SC, FC and ST Compatible Connectors
3201032-01	LC Crimp Tool
2104459-01	LC Polishing Puck
2104020-01	Universal Polishing Puck
1101045-01	Anaerobic Adhesive, Primer and Syringe Tips
CLEANER-UNIV-CASS	Universal Connector Cleaning Cassette
TRIGGER-BP-D	LC/MU Duplex Trigger
95-400-03-BP	SC Duplex Clip

notes |

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-901-5973 • International: +1-828-901-5000 • www.corning.com/cablesystems