

SYSTIMAX® Fiber Optic SC Connectors



EZ-SC and Qwik-SC Connectors®

SYSTIMAX® offers a complete line of field terminated Anaerobic (EZ-SC) and No-Polish, No-Epoxy (Quick) SC Connectors®. These connectors are designed for quick, easy and reliable terminations with minimum training.

The EZ-SC Connector® is a square body fiber optic connector, with great optical performance and fast installation time. It uses a push-pull design, which allows for quick and easy insertions into patch panels and adapters. The physical and optical performance of the EZ-SC allows engineers to design optical fiber infrastructures suited to the low loss needs of the High-Speed Data Networks. The EZ-SC connector® offers a complete connection solution with a product range designed for field termination onto 900 micron fiber, 1.6 mm fiber cordage, 2.9 mm fiber cordage, multimode and singlemode fiber.

The Qwik-SC Connectors® are no-polish, no-epoxy connectors that feature a mechanical crimp making fiber terminations faster and easier than typical epoxy terminations. The Qwik-SC Connector® is ideal for behind the wall (BTW) applications; rapid repair or for limited space situations where polishing may be difficult. The Qwik-SC offers a quick and repeatable termination solution for immediate connectivity on all 900µm fiber types.

- Performance exceeds ANSI/TIA/EIA-568-B standard
- Superior insertion loss performance
- Designed to allow for simple and speedy termination of the connector onto 900 micron buffered fiber or 1.6 mm fiber cordage or 2.9 mm fiber cordage
- Complete tool kit with cleaning solution, wipes, and scrap fiber container designed for Qwik setup and tear-down and comes packaged in a 25 counter installer pack that is portable and convenient
- The benefits of this product are further complimented by being the same overall size of the standard epoxy/polish ST products



Product Specifications



760007070

Behind The Wall Pre-Radiused SC Connector for 0.9 mm Fiber, multimode



CHARACTERISTICS

Construction Materials

Fiber Type	LazrSPEED® 150, 50 µm multimode fiber LazrSPEED® 300, 50 µm multimode fiber LazrSPEED® 550, 50 µm multimode fiber OptiSPEED®, 62.5 µm multimode fiber
Ferrule Geometry	Pre-radiused
Ferrule Material	Zirconia

Dimensions

Compatible Cable Diameter	0.9 mm 0.0 in
Length	52.0 mm 2.0 in

General Specifications

Interface	SC
Body Style	BTW
Interface Feature	Standard
Color	Beige
Package, quantity	1

Mechanical Specifications

Cable Retention Strength, maximum	0.23 kg @ 0 ° 0.50 lb @ 0 °
-----------------------------------	--------------------------------

Optical Performance

Insertion Loss Change, mating	0.30 dB
Insertion Loss Change, temperature	0.30 dB
Insertion Loss, typical	0.30 dB
Return Loss, maximum	20.0 dB

Optical Specifications

Optical Components Standard	ANSI/TIA/EIA-568-B.3
-----------------------------	----------------------

Regulatory Compliance/Certifications

Agency

RoHS 2002/95/EC
ISO 9001:2000

Classification

Compliant
Compliant

Product Specifications

760007070



* Footnotes

Insertion Loss Change, mating Maximum insertion loss change after 500 matings

Insertion Loss Change, temperature Maximum insertion loss change from 0 °C to +60 °C (+32 °F to +140 °F)

