

## 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



760007112

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

## CHARACTERISTICS

### Construction Materials

Fiber Type	TeraSPEED®, zero water peak single-mode 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	Blue
Package, quantity	1

### Mechanical Specifications

Cable Retention Strength, maximum	0.23 kg @ 0 ° 0.50 lb @ 0 °
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### 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	55.0 dB

### Optical Specifications

Optical Components Standard	ANSI/TIA/EIA-568-B.3
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### Regulatory Compliance/Certifications

#### Agency

RoHS 2002/95/EC  
ISO 9001:2000

#### Classification

Compliant  
Compliant

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## \* Footnotes

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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)

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