

CX-SC-FST

Fusion Splice Type Quickly Assembly Connector

Fast, Reliable, and Precision-Engineered for Modern Networks

Introduction:

The ComponexX CX-SC-FST Fusion Splice Type Quickly Assembly Connector is engineered for precision, speed, and long-term reliability in modern fiber deployments. Each connector incorporates the fusion splice point inside the rear housing, removing the need for external sleeves while ensuring a cleaner optical path and enhanced mechanical stability.



Built around a 0.9 mm ferrule and pre-aligned ceramic core, the CX-SC-FST consistently delivers ≤ 0.3 dB insertion loss and ≥ 50 – 55 dB return loss. Its field-friendly design allows technicians to create factory-grade splices in seconds, improving both installation efficiency and optical integrity for FTTH, FTTA, and enterprise applications.

Technical Specifications

Specification	Details
Connector Type	SC / APC or SC / UPC Fusion Splice Type Quickly Assembly
Ferrule Diameter	0.9 mm
Insertion Loss	≤ 0.3 dB
Return Loss	UPC ≥ 50 dB / APC ≥ 55 dB
Connector Length	55.4 ± 1 mm (with dust cap)
Cable Compatibility	0.9 mm bare fiber or tight buffer
Operating Temperature	-20 °C to $+75$ °C
Storage Temperature	-40 °C to $+85$ °C
Color Codes	Blue (UPC) / Green (APC)
Accessories Included	Heat-shrink sleeve $\times 1$ per connector
Packaging Options	Bag or blister box (100 pcs standard)

Applications:

- FTTH and outdoor fiber terminal ends
- Harsh-environment deployments
- FTTA (BBU/RRU) applications
- Data and video transmission links
- Optical fiber access for mobile base stations