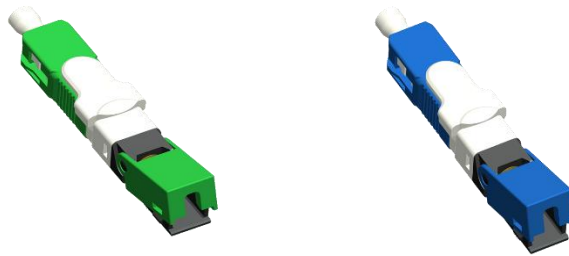


# OCF9SCDF932-SX

Fast Connector SC APC/UPC



The SC/APC field-installable mechanical fiber optic connector enables fast and easy installation without the need for fusion splicing. Its pre-assembled design features a high-precision ceramic ferrule and an aluminum alloy V-groove for optimal alignment. The transparent side cover allows for visual inspection. Compatible with drop and indoor cables, it is ideal for field installations requiring efficiency and precision using only basic fiber preparation tools.

## Features:

Item	Parameter
Cable Scope	3.0 x 2.0 mm and 1.6*2.0mm Bow-type Drop Cable
Size:	51*9*7.55mm
Fiber Diameter	125 $\mu$ m ( 652 & 657 )
Coating Diameter	250 $\mu$ m
Mode	SM
Operation Time	about 15s (exclude fiber presetting)
Insertion Loss	$\leq 0.3$ dB (1310nm & 1550nm)
Return Loss	$\leq -50$ dB for UPC, $\leq 55$ dB for APC
Success Rate	>98%
Reusable Times	>5 times
Tightening Strength of Naked Fiber	>5 N

# OCF9SCDF932-SX



Fast Connector SC APC/UPC

Tensile Strength	>30 N
Temperature	-40 ~ +85 C
On-line Tensile Strength Test (20 N)	IL ≤ 0.3dB
Mechanical Durability (500 times)	IL ≤ 0.3dB
Drop Test (4m concrete floor, once each direction, three times total)	IL ≤ 0.3dB

## Mechanical Field-Mountable Connector SC/APC

The Mechanical Field-Mountable Fiber Optic Connector (FMC) is designed to simplify fiber optic connections by eliminating the need for a fusion splicing machine. This quick-assembly connector requires only basic fiber preparation tools such as a cable stripping tool and fiber cleaver.

It features Fiber Pre-Embedded Technology, a high-quality ceramic ferrule, and an aluminum alloy V-groove to ensure precise alignment and stable performance. The transparent side cover allows for easy visual inspection during installation.

This connector is suitable for both drop-cable and indoor cable applications, offering a fast, reliable, and user-friendly solution for field installations.