

# OCF9SCDF932-SX

Fast Connector SC APC/UPC



The FMC is a fast-assembly fiber optic connector that requires no fusion splicer and uses only basic tools. It incorporates Fiber Pre-Embedded Technology, a ceramic ferrule, and a V-groove for precise alignment, with a transparent cover for easy inspection. Suitable for drop and indoor cables.

## Features:

Technical Specifications	
Cable Scope	Φ3.00 mm & Φ2.00 mm cable Φ0.9 invisible cable Φ0.25 cable 2.0 x 3.0 mm drop cable
Fiber Diameter	125μm (652 & 657)
Coating Diameter	250 & 900 μm
Mode	SM
Operation Time	About 2 min (exclude fiber presetting)
Insertion Loss	≤ 0.5 dB (1310nm & 1550nm), Classic Value: 0.3 dB
Return Loss	≥50 dB for UPC, ≥60 dB for APC
Tensile Strength	>30 N/2min
Temperature	-40 ~ +85 °C
Mechanical Durability (500 times)	Δ IL ≤ 0.2 dB, Δ RL < 5 dB
Drop Test (4m concrete floor, once each direction, three times total)	Δ IL ≤ 0.2 dB