



OCF9SCDF932-SX

FAST CONNECTOR SC APC/UPC

The Mechanical Field-Mountable Fiber Optic Connector (FMC) is designed to simple the connection without fusion splicing machine. This connector is quick assembly which requires only normal fiber preparation tools: cable stripping tool and fiber cleaver.

The connector adopts Fiber Pre-Embedded Tech with superior ceramic ferrule and aluminum alloyV-groove.. Also, transparent design of the side cover which allows visual inspection. It could be applied to drop cable and indoor cable.

Application FTTx, Data Room Transformation



2.0*3.0 cable



Φ 0.25 cable



Φ 0.9 cable



Φ 2.0 / 3.0 cable



STREET



HOSPITAL



INDUSTRIES



FTTH



OTHERS

Relevant Solutions

- ☑ Easy operating, The connector can be directly used in ONU, also with fasten strength more than 5 kg, it is widely used in FTTH project of network revolution. It also reduce the use of sockets and adapters, save cost of project.
- ☑ With 86 standard socket and adapter, the connector makes connection between drop cable and patch cord. The 86 standard socket provides complete protection with its unique design

Technical specification

Item	Parameter
Cable Scope	Φ 3.0 mm & Φ 2.0 mm Cable Φ 0.9 invisible cable Φ 0.25 cable 2.0x3.0mm drop cable
Fiber Diameter	125 μ m (652 & 657)
Coating Diameter	250&900 μ m
Mode	SM
Operation Time	about 2min (exclude fiber presetting)
Insertion Loss	≤ 0.5 dB (1310nm & 1550nm) , Classic Value: 0.3dB
Return Loss	≥ 50 dB for UPC, ≥ 60 dB for APC
Tensile Strength	>30 N/2min
Temperature	-40~+85℃
Tensile Strength	>30N/2min
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



STREET



HOSPITAL



INDUSTRIES



FTTH



OTHERS