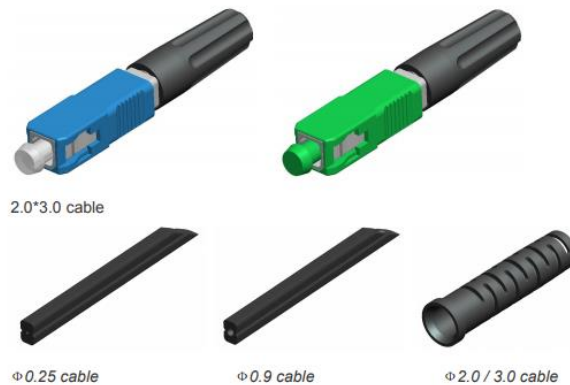


OCF9SCDF932-SX



Fast Connector SC APC/UPC

Application FTTx, Data Room Transformation



The Mechanical Field-Mountable Fiber Optic Connector (FMC) is designed to simplify the connection, eliminating the need for a 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 alloy V-groove. Also, transparent design of the side cover allows for easy visual inspection. It could be applied to drop cable and indoor cable.

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 reduces 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

Features:

Technical Specifications	
Cable Scope	Φ3.00 mm & Φ2.00 mm cable Φ0.9 invisible cable Φ0.25 cable 2.0x3.0 mm drop cable
Fiber Diameter	125μm (652 & 657)
Coating Diameter	250 & 900 μm

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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

