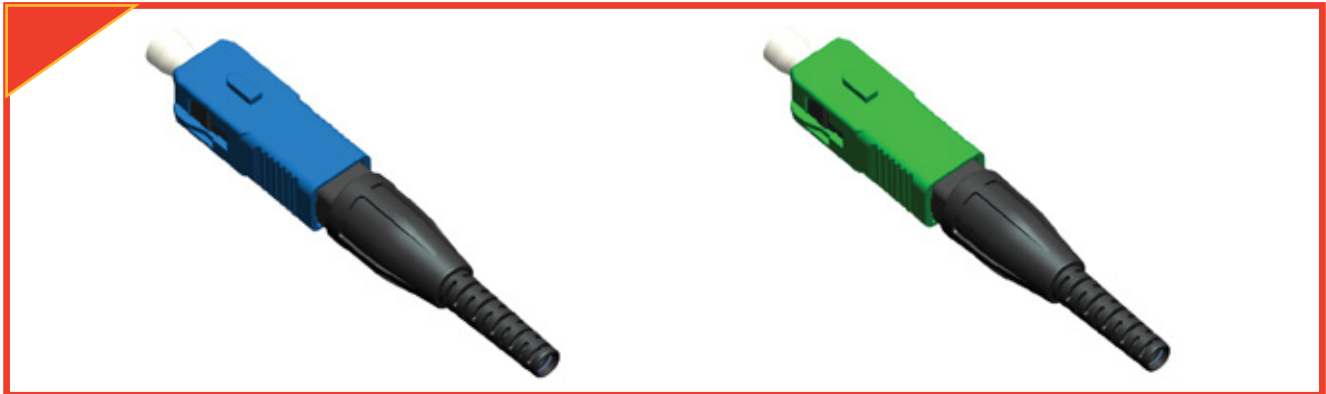


part number: **OUT-CONN-920H-SCA**

SCA: SC/APC
SCP: SC/PC

Mechanical Fiber Optic Connector Pre-embedded Tech



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 alloy V-groove.. Also, transparent design of the side cover which allows visual inspection. It could be applied to drop cable and indoor cable.

TECHNICAL SPECIFICATION

Cable Scope	Φ3.0 mm & Φ2.0 mm Cable
Fiber Diameter	125μm (652 & 657)
Coating Diameter	900μm
Mode	SM
Operation Time	about 4min (exclude fiber presetting)
Insertion Loss	≤ 0.3 dB (1310nm & 1550nm) , Max ≤ 0.5 dB
Return Loss	≥50dB for UPC, ≥55dB for APC
Success Rate	>98%
Reusable Times	≥10 times
Tighten Strength of Bare Fiber	>3N
Tensile Strength	>30 N/2min
Temperature	-40~+85℃
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
Size	46*9*8mm