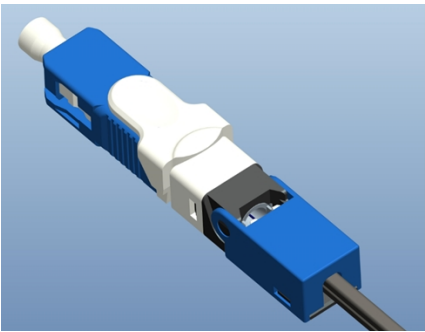


Mechanical Fiber Optic Connector-Fiber Pre-embedded Tech

UPC



APC



Application FTTx, Data Room Transformation

Technical specification

Item	Parameter
Cable Scope	3.0 x 2.0 mm and 1.6*2.0mm Bow-type Drop Cable
Size:	52*9*7.4mm
Fiber Diameter	125μm (652 & 657)
Coating Diameter	250μm
Mode	SM

Operation Time	about 15s (exclude fiber presetting)
Insertion Loss	≤ 0.5 dB, Classic Value: 0.3dB (1310nm & 1550nm)
Return Loss	≤ -45 dB for UPC ≤ -50 dB for APC
Success Rate	>96%
Reusable Times	>5 times
Tensile Strength	>30 N
Temperature	-40 ~ +85 ℃
On-line Tensile Strength Test (20 N)	Δ IL ≤ 0.3 dB
Mechanical Durability (500 times)	Δ IL ≤ 0.3 dB
Drop Test (4m concrete floor, once each direction, three times total)	Δ IL ≤ 0.3 dB

Relevant Solutions

- Easy operating, The connector can be directly used in ONU, also with fasten strength more than 3 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.
- Applicable to connection with field mountable indoor cable, pigtail, patch cord and transformation of patch cord in data room and directly used in specific ONU.