

Mechanical Fiber Optic Pre-embedded Connector

◆ SC/UPC

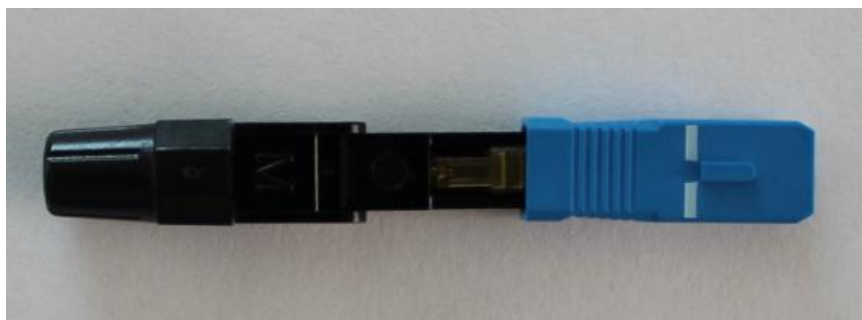
Applications

- ① FTTx, Data Room Transformation
- ① Cutting 250um fiber 20.85mm, 125um fiber 7.7mm



Relevant solutions

- ① 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.
- ① 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.
- ① 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.



Technical specification

Item	Parameter
Cable Scope	3.0 x 2.0 mm Bow-type Drop Cable
Size:	59*8.7*8.3mm
Fiber Diameter	125µm (652 & 657)
Coating Diameter	250µm
Mode	SM
Operation Time	about 15s (exclude fiber presetting)
Insertion Loss	≤ 0.5dB (1310nm & 1550nm)
Return Loss	≤ -40dB
Success Rate	>98%
Reusable Times	>10 times
Tighten Strength of Naked Fiber	>5 N
Tensile Strength	>50 N
Temperature	-40 ~ +85 °C
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

★ All product outward appearance, the color take the material object as, the picture only supply the reference.