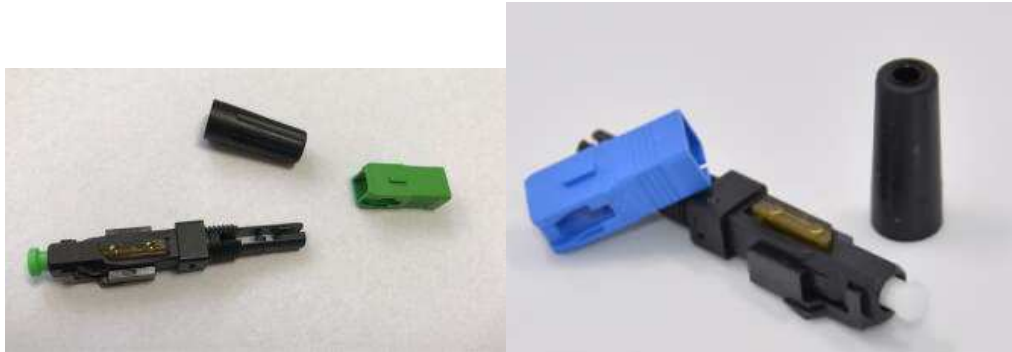


Mechanical Fiber Optic Connector-Fiber Pre-embedded Tech

AA12587



Application FTTx, Data Room Transformation

Description

1. Screw boot clamping.
2. Transparent side Cover, visible for Inspection.
3. Specific coating stripper/cutting guideway.
4. Suitable for narrow installation space.
5. Applicable to bow-type drop cable and 2.0/3.0 indoor cable.

Technical specification

Item	Parameter
Cable Scope	3.0 x 2.0 mm Bow-type Drop Cable 2.0/3.0 indoor cable
Fiber Diameter	125 μ m (652 & 657)
Coating Diameter	250 μ m
Mode	SM
Operation Time	about 15s (exclude fiber presetting)
Insertion Loss	\leq 0.3dB (1310nm & 1550nm)
Return Loss	\leq -50dB for UPC, \leq -55dB for APC
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

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.
- Applicable to connection with field mountable indoor cable, pigtail, patch cord and transformation of terminal box, distribution frame, ODF and patch cord.