



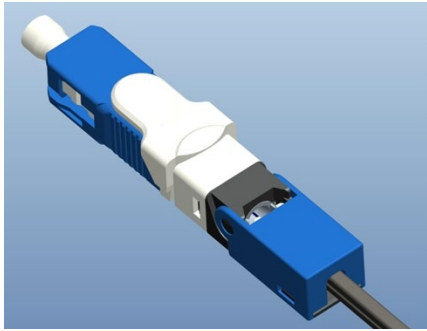
MECHANICAL FIBER OPTIC
CONNECTOR-FIBER PRE-
EMBEDDED TECH

AR-FCSC-UPC

Application: FTTx, Data Room Transformation

AR-FCSC-APC Fiber Optic Connector

Cutting 250um fiber 20.85mm, 125um fiber 7.7mm



AR-FCSC-UPC



AR-FCSC-APC

ITEM	PARAMETER
Cable Scope	3.0 x 2.0 mm and 1.6*2.0mm Bow-type Drop Cable
Size	51*9*7.55mm
Fiber Diameter	125 μ m (652 & 657)
Coating Diameter	250 μ m
Mode	SM
Operation Time	about 15s (exclude fiber presetting)
Insertion Loss	\leq 0.25dB (1310nm & 1550nm)
Return Loss	\leq -50dB for UPC, \leq -60dB for APC
Success Rate	>98%
Reusable Times	>5 times
Tensile Strength	>40 N

ITEM	PARAMETER
Temperature	-40 ~ +85 C
On-line Tensile Strength Test (20 N)	IL \leq 0.2dB
Mechanical Durability (500 times)	IL \leq 0.2dB
Drop Test (4m concrete floor, once each direction, three times total)	IL \leq 0.2dB

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 patch cord in data room and directly used in specific ONU.