

SC UPC Single mode Fast Fiber Optic Connectors



SC UPC Single mode Fast Fiber Optic Connectors descriptions

Fiber Optic Fast Connectors utilize the latest generation of terminal technology. After terminating, both fiber & mechanical performance are good, it meets the demand for making patchcord on site by mechanical splicing, providing the great support to FTTx implementation.

SC UPC Single mode Fast Fiber Optic Connectors Features

Precision ceramic components with co-axial self centering, excellent and durable optical property

Optical fiber fits axially in elastic way and avoids completely any false connect

Triple clamping through the naked fiber, tight buffer and cable, etc., can be used as patchcord

High on-line tensile strength of Optical Fast Connector after terminating, always keep connecting under the force from cabling and drawing.

Integrated protection of the casing to withstand harsh user environment.

Directly connectable with ONU without any optical socket, which reduces FTTH cost.

High success rate and easiness in installation with average splicing time 100 sec

Lower requirement for the habit working and work environment call for to the builder.

SC UPC Single mode Fast Fiber Optic Connectors Specifications

Applicable for	Drop cable. Indoor cable
Optical fiber diameter	125µm (657A & 657B)
Tight buffer diameter	250µm
Fiber mode	Single mode
Operation time	About 100s (no fiber cut)
Insert loss	≤ 0.3dB (1310nm & 1550nm)
Return loss	≤ -40dB
Fastening strength of naked fiber	>5 N
Fastening strength of naked fiber holder	>10 N
Tensile strength	>50 N
Using temperature	-40~+75°C
On-line tensile strength (20 N)	△ IL ≤ 0.5dB △ RL ≤ 5dB
Mechanical durability (500 times)	△ IL ≤ 0.5dB △ RL ≤ 5dB
Drop-off test (drop-off height 4m, once per direction, totally 3 times)	△ IL ≤ 0.5dB △ RL ≤ 5dB

For detailed inquiry please contact our sales team at: sales@huihongfiber.com .