Product name: SC/APC Fast Connector

Application

Fiber Fast Connector is used for field assembled optical fiber connector, widely used in fiber to the home (FTTH) access optical networks, to assemble with drop cable quickly.
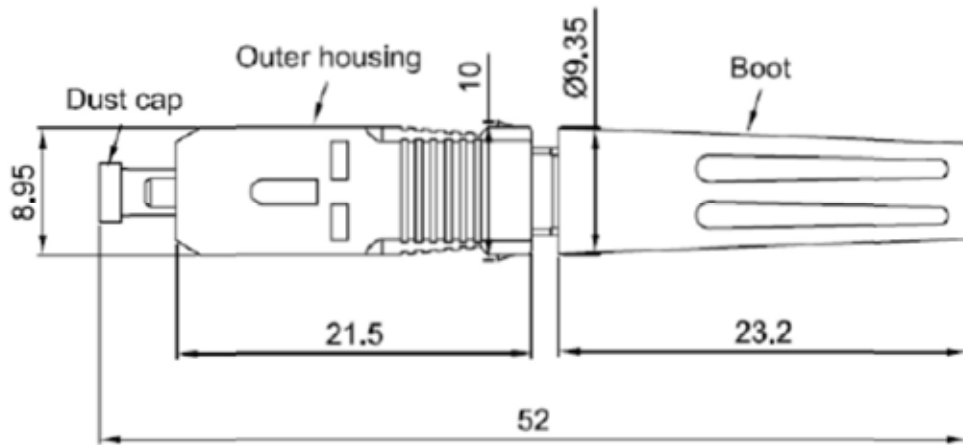
Features

1. Twin end-face of pre embedded fiber is polished in the factory.

2. Fiber optics is aligned in V-groove through the ceramic ferrule.

3. Side cover design provide complete preservation of the matching liquid.

4. Ceramic ferrule with pre-embedded fiber is polished to APC.

5. Length of the FTTH cable is controllable

6. Simple tooling, easy operation, portable style and reusable design.

Technical specifications

Item	Parameter
Cable Scope	2x3 and 2x1,6mm (using the sleeve)
Fiber Diameter	125μm (G652 & 657)
Coating Diameter	250μm
Mode	SM
Operation Time	about 15s(exclude fiber presetting)
Insertion Loss	≤ 0.20dB(1310nm & 1550nm)
Return Loss	≤ -50dB
Success Rate	>98%
Reusable Times	>10 times
Tensile Strength	>5 N
Tighten Strength of Coating	>10 N
Temperature	-40~+85°C
On-line Tensile Strength Test (20 N)	IL ≤ 0.20dB
Mechanical Durability(500 times)	IL ≤ 0.20dB
Drop Test (4m concrete floor, once each direction, three times total)	IL ≤ 0.20 dB

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Technical Data Sheet

The product drawing:

The product picture: