




Optical Fiber Fast Connector

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| SC /PC | SC/APC | LC /PC |

Introduction

TS-FC Series Optical Fiber Fast Connector take use of the United States based on innovative plastic 1000/1000 material compared to other manufacturers of material more quality, embedded a 60mm embedded fiber (grinding) to ensure the length of the uniform, but also to ensure the length of the cut fiber. The stability of the insertion and return loss is ensured by using the 1 core of the concentric degree. When assembled, the FIS index of the United States was added to the match, and the temperature range was wide. The oil separation rate was zero, and it had good oxidation resistance and long-term stability. Can be customized according to customer demand for different types of products.

Application

- FTTH fiber optic terminal for the opening
- Connection box, cabinet, box, etc.
- Recovery and maintenance of accidents such as broken fiber
- Local area network, wide area network, data and video transmission
- Construction and maintenance of terminal user optical fiber access
- Optical fiber access for mobile base station

Technical Parameters

| Item | Technical Parameters |
|---|--------------------------------|
| Optical Fiber Diameter | 125 um (657A & 657B) |
| Tight Buffer Diameter | 250um |
| Fiber Mode | Single Mode, Multi Mode |
| Connector Type | SC (UPC or APC) LC(UPC or APC) |
| Operation Time | 100s (No Fiber Cut) |
| Insert Loss | ≤0.5dB (1310nm & 1550nm) |
| Return Loss | ≤-50dB |
| Fastening Strength of Naked Fiber | >5 N |
| Fastening Strength of Naked Fiber Holder | >10 N |
| Tensile Strength | >20 N |
| Using Temperature | -40 ~ +85℃ |
| Online 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 |
| Atmospheric pressure requirements | 62kPa~106kPa |
| Relative humidity requirement | ≤95% (+30℃) |
| Fast Connector Length | 60mm/53.5mm/38mm |

Notice:

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