

SC - Hot Melt Type Quickly Assembly Connector

SC - 热熔款光纤快速连接器

Introduction

Hot-melt quickly assembly connector is directly with a grinding of the ferrule connector directly with the butterfly cable 3.0mm,2.0mm,0.9mm using a fusion splicer welding,the welding point inside the connector tail, the weld is no need for additional protection.It can improve the optical performance of the connector



Specifications

Parameters	Value	Parameters	Value
Insertion Loss	≤ 0.35 dB	Repeatability (500 Mating Times)	Δ I.L. ≤ 0.35 dB
Return Loss	≥ 45 dB	Temperature cycle	Δ I.L. ≤ 0.35 dB
Tensile strength	F>50N	Vibration test	Δ I.L. ≤ 0.35 dB
Operating Temp.	-20 ~ +75°C	Flooding test	Δ I.L. ≤ 0.35 dB
Storage Temp.	-40 ~ +85°C	Tensile strength	F>50N

Operation Instruction

Product Components



Connector Housing 连接器外壳



SC/UPC Housing 藍壳



SC/APC Housing 绿壳



Heat Shrink Tubing 热缩管



Connector body 连接器

Necessary Tools



Model: LTS-242
FTTH Drop Cable Stripper



LTS-212/213
Fiber Stripper



LFC-300
Fiber Cleaver



Optical fiber fusion splicer

Operation Steps

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Note: The following steps, must ensure that the cleaning of the product and fiber.

1. Insert optical cable into heat shrink tubing connector housing and screw cap.



2. Strip cable jacket by peel line opener.



3. Cut the fiber by cleaver.



4. Assemble fiber optic connector, do not remove the dust cap.



5. Strip the fiber from connector root by miller pliers.



6. Place the whole connector in the heating fixture of welding machines. Put in heat shrink tubing.



6. Put housing and finish assembling.

