

SC Fiber Optic Fast Connector Specification

Product overview:

Quick Assembly SC connector can provide quick and easy terminations of fibers in the field. It allows the installer to terminate and make connection in minutes at equipment and fiber patch panels. This connector system with features of high installation quality, high success rate and high reliability.

Specification:

Parameters	Value		Parameters	Value
Insertion Loss	≤ 0.5 dB		Repeatability (500 Mating Times)	$\Delta I.L. \leq 0.3$ dB
Return Loss	≥ 45 dB		Temperature cycle	$\Delta I.L. \leq 0.3$ dB
Tensile strength	F>50N		Vibration test	$\Delta I.L. \leq 0.3$ dB
Operating Temperature	-20 ~ +75°C		Flooding test	$\Delta I.L. \leq 0.3$ dB
Storage Temperature	-40 ~ +85°C		Tensile strength	F>50N

Operation Instruction:

Product Components:



Connector Screw Cap



SC/UPC Housing



SC/APC Housing



Connector Body

Necessary Tools :



Model: LTS-242
FTTH Drop Cable Stripper



LTS-212/213
Fiber Stripper



LFC-300
Fiber Cleaver



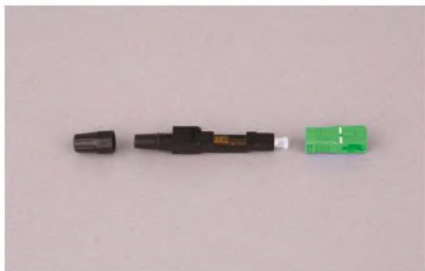
Fixed length device



Dust-free cloth & alcohol bottle

Operation Steps:

1.Embedded quick assembly connector components



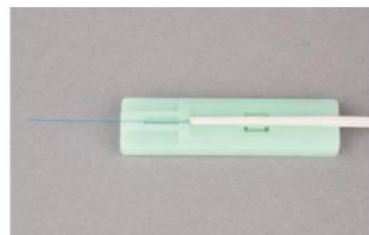
2.Insert optical cable into screw cap



3. Strip cable jacket and leave coated fiber as 50-60mm long



4. Put cable into fixed length device



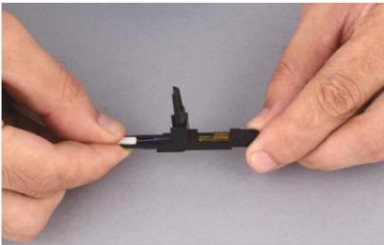
5.Strip the coating



6.Clean bare fiber



9.Close the back cover



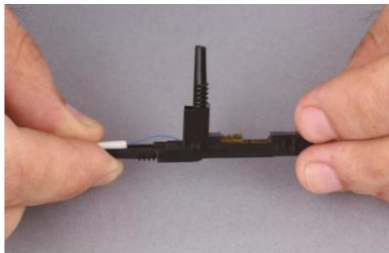
10.Close the gland for fixing drop cable



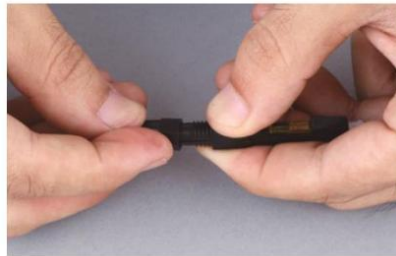
7.Cut the fiber by cleaver



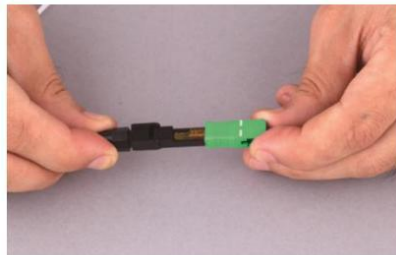
8.Press the cable into the groove and keep the fiber slightly bending



11.Close screw cap



12.Put SC housing and finish assembling



Ordering Information:

Sample: V --SC/UPC , Type H01

Connector		Type No.		PC/APC		Length	
1	SC	H01	H01	1	UPC	1	60mm
				2	APC	2	55mm

