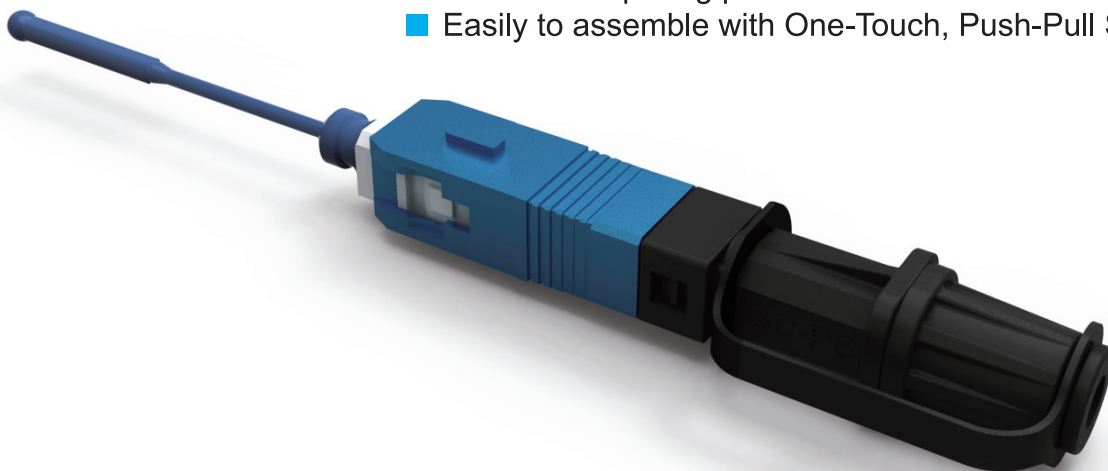


SPLICE-ON CONNECTOR INNO INSTRUMENT

- No need for polishing and matching gel in the field.
- Protect the splicing point inside of the connector body.
- Easily to assemble with One-Touch, Push-Pull System.



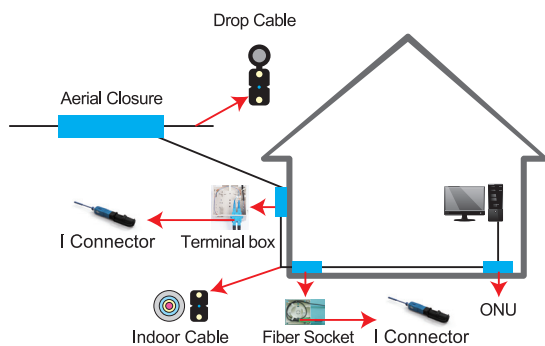
- Patent: CN 201210003115.7 | CN 201230173507.9
- Enhanced high quality with improved optical features.(Splice Loss & Return Loss)
- Split boot structure prevent bending fiber while insert the connector to the termination.

Order(Example) : "I"Connector SC-SM-UPC-09

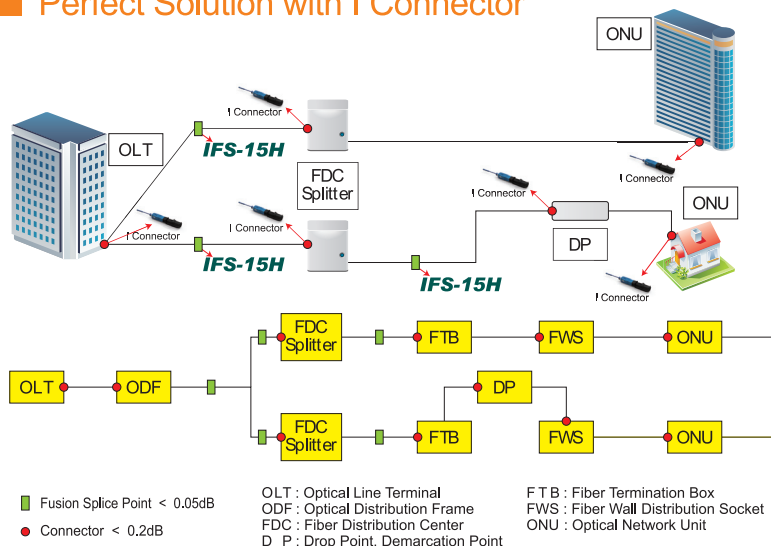
Name of article	Type	Fiber			Polishing		Code				
		SM	50 MM	62.5 MM	UPC	APC	0.9 mm	2.0 mm	2.4 mm	3.0 mm	3 X 2 Indoor Cable
I Connector SC-SM-UPC-09	SC	●			●					●	●
I Connector SC-SM-UPC-30											
I Connector FC-SM-UPC-09	FC										
I Connector FC-SM-UPC-30											

Type	Item		Single Mode(SM)	Multi Mode(MM)	
General	Fiber Type		SM 9/125	MM 50/125	MM 62.5/125
	Insertion Loss	UPC	≤ max 0.3dB(average≤0.2dB)		
		APC	≤ max 0.3dB(average≤0.2dB)		
	Return Loss	UPC	≥ 50dB	≥ 50dB	
		APC	≥ 60dB	-	
	Repeating Operation Test		500Cycle, ≤ 0.2dB		
	Temperature Range		-45 ^o C ~ 85 ^o C		
SC, FC	Fiber		0.9mm fiber, 2.0mm, 2.4mm, 3.0mm code, 3X2 Indoor Cable		
	Tensile Strength		≥30N(≥3.0kgf) for 3.0mm code / ≥80N(8.0kgf) for 3X2 Indoor Cable		
LC	Fiber		0.9mm fiber, 2.0mm code		
	Tensile Strength		≥40N(4.1kgf) for 2.0mm code		

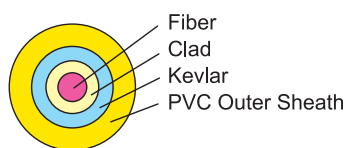
■ FTTH Application Diagram



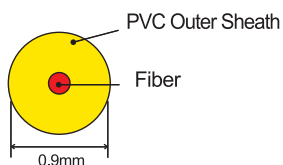
■ Perfect Solution with I Connector



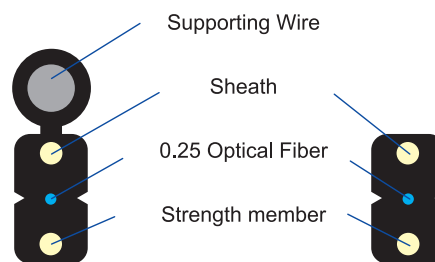
■ Applicable Optical Fiber Cables



Optical Fiber Cable
Φ2.0, Φ3.0mm cable

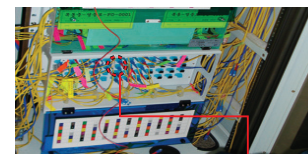
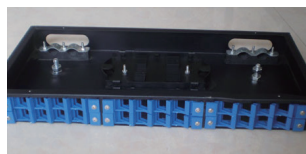


Optical Fiber Cable
Φ0.9mm fiber

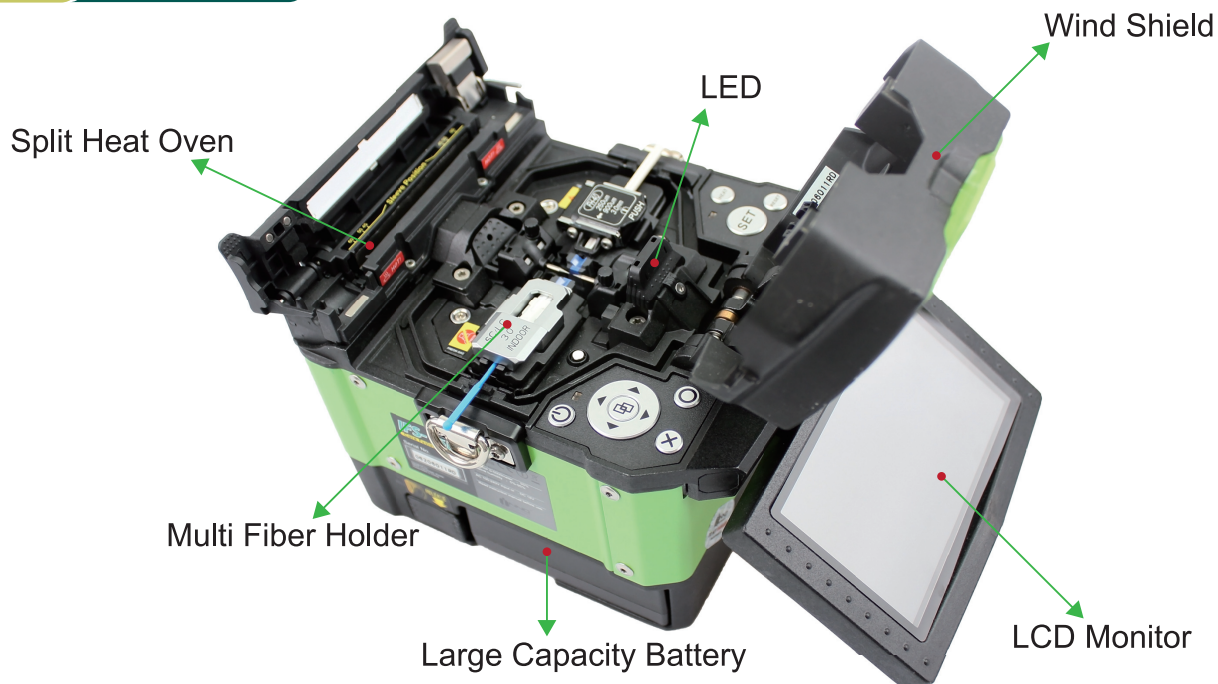


Drop Cable
2mm x 5mm, 0.25mm(single core)

Indoor Cable
2mm x 3mm, 0.25mm(single core)



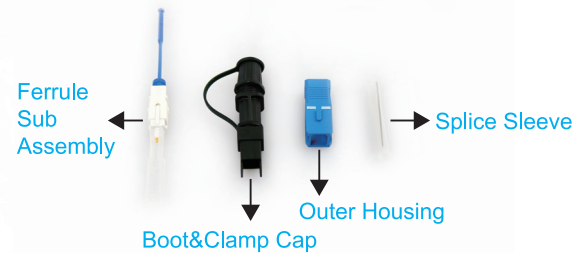
IFS-15H
FTTX Master



Recommended Tools



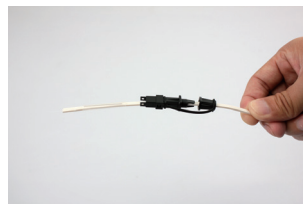
Structure



Operation Steps



1. Pass the cable through the boot and clamp cap.



2. Pass the cable through the splice sleeve.



3. Strip the outer sheath of indoor cable.



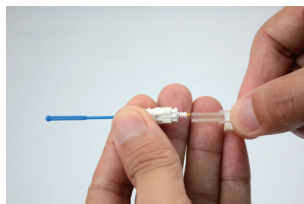
4. Strip the fiber clad.



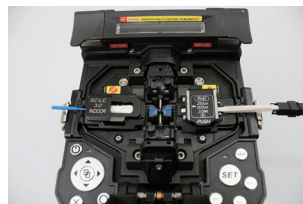
5. Clean the bare fiber.



6. Cleave the fiber to recommended length.



7. Take out the ferrule assembly.



8. Splice.



9. Sleeve the splicing point by heat shrink.



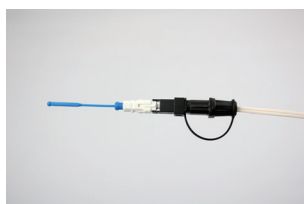
10. Handle with the bubble on the cable outer sheath.



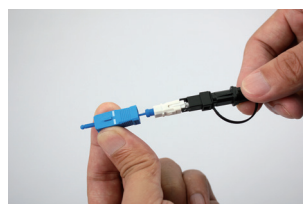
11. The cable after debubbling.



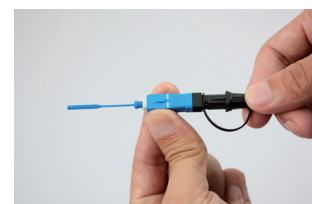
12. Complete the boot assembly.



13. Tighten the cap.



14. Cover the outer housing.



15. Completed.



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