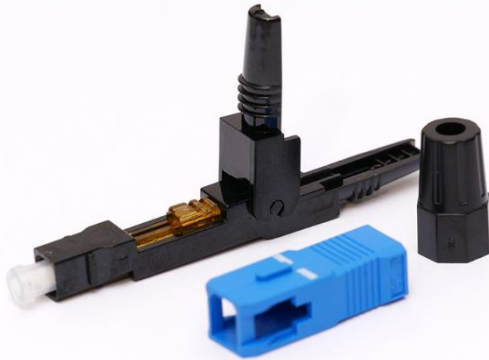
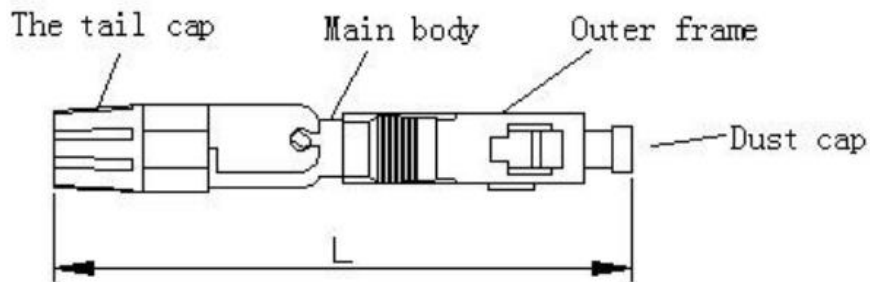


SC/UPC Fast Connector



Product Structure:

Measured the Structure



Product length:

50mm ≤ L ≤ 60mm (≈ 60m)

Optical Characteristics:

Category	Specification
Applicable for	Drop cable. Indoor cable
Fiber mod	Single mode or Multi mode
Fiber type	G.652D, G.657A2,
Fiber cable	3.0*2.0mm rubber-insulated optical cable $\varnothing 3.0/\varnothing 2.0$ / $\varnothing 0.9$ insulated optical cab
Fiber diameter	0.125mm
Force holds 2 x 3mm cable type at the beginning the fast connector	≥ 45 N, loss ≤ 0.3 dB (sample cable length: 3M test time: 2 minutes)
Fiber lock	Lock holds fiber reliability, bears hang force ≥ 3.8 N, attenuation changes ≤ 0.2 dB
Working wavelength	1310 nm, 1490 nm, 1550 nm

Operation time	S	About 50(no fiber cut)
Insertion Loss	dB	≤0.35
Insertion Loss Typical value	dB	0.3
Return Loss	dB	UPC≥50, APC≥55
Fastening strength of naked fiber	N	≥3
Tensile strength	N	≥45
Reusable	Time	≥10 time
Operating Temperature		-40~+85
On-line tensile strength (20N)	dB	ΔIL≤0.3
Mechanical durability (500 times)	dB	ΔIL≤0.3
Drop-off test (drop-off height4m, once per direction, totally 3 times)	dB	ΔIL≤0.3

Environmental performance requirements:

Category	Specification			
	Condition	IL Variation	RL Variation	Appearance
High TEMP	85°C, 96H	≤0.3	≤5	No mechanical damage, like deformation, cracking and untight
Low TEMP	-40°C, 96H	≤0.3	≤5	
Temperature Cycle	Cycle: 8 hours Total: 12 cycles / 96 hours Temperature Maintenance: 1 hour	≤0.3	≤5	
Temperature/ Humidity	85°C, 95%RH, 96H	≤0.3	≤5	
Immersion	25°C, 96H	≤0.3	≤5	
Salt Mis	5% Nacl, 6.5 < PH < 7.5,35°C,96H	≤0.3	≤5	


Mechanical Performance Requirement

Category	Specification			
	Condition	IL Variation	RL Variation	Appearance
Impact	Height: 4m; 1 drop each axis; 3 cycles	≤0.3	≤5	No mechanical damage, like deformation, cracking and untight
Vibration	Frequency: 10 ~ 50HZ; Sweep: 45 times / min; amplitude: 0.75mm; Duration:30min each axial	≤0.3	≤5	
Torsional	Pull: 15N; The distance between Loading location and fast connector: L = 22-28cm; Rate: 10times / min. Times:	≤0.3	≤5	

Tensile	Pull: 50N; The distance between Loading location and fast connector: L = 3M; Duration:1min	≤0.3	≤5	
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Product Packaging Information:

Blister Box Packing

	Size(CM)	14.7*7.8*1.5
	QTY(PCS/Box)	10
	N.W(KG/PCS)	0.0033
	N.W(KG/Box)	0.033
	G.W(KG/Box)	0.042

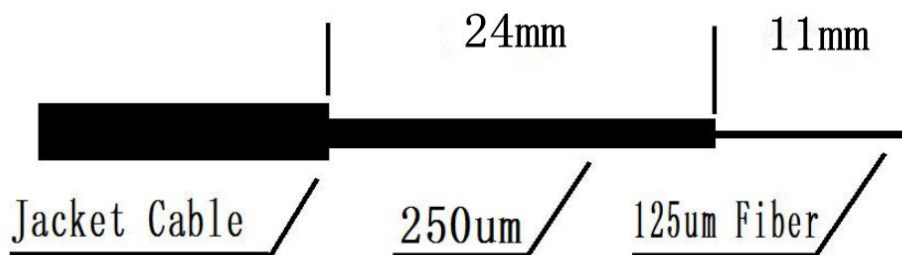
Adapter (supports strip and cut fiber):




1 adapter / 50 fast connectors

1 Operation Manual/ 10 fast connectors


Cleave fiber:



Gift Box Packing(Inner packing):

	Size(CM)	15.5*8*12
	QTY(Blister Box/Girt Box)	10
	N.W(KG/Box)	0.41
	G.W(KG/Box)	0.44

Outer Packing:

	Size(CM)	39*17*26
	QTY(Gift Box/Box)	20
	QTY(Pcs/Box)	2000
	N.W(KG/Box)	7
	G.W(KG/Box)	10