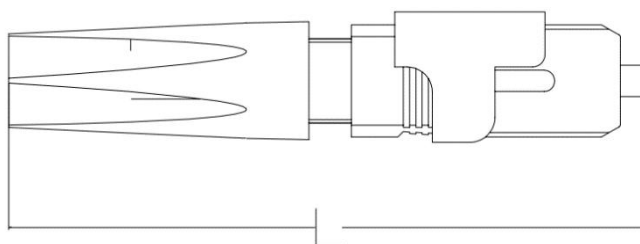


YX-06 Fast Connector



Product Structure :

Measured the Structure



Product length :

50mm ≤L≤60mm(≈51m)

Optical Characteristics :

Category	Specification
Application	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 :	≤0.3	≤5	

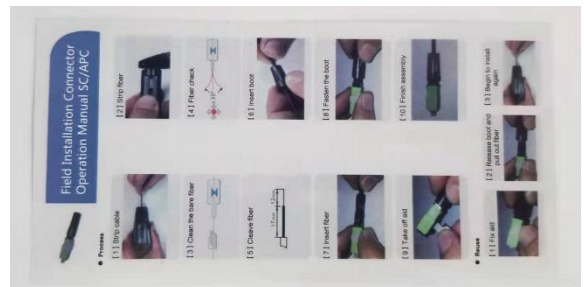
	10times / min. Times:			
Tensile	Pull : 50N; The distance between Loading lo cation and fast connector: L =3M; Duration:1min	≤0.3	≤5	

Product Packaging Information :

Blister Box Packing

	Size(CM)	14.7*7.8*1.5
	QTY(PCS/Box)	10
	N.W(KG/PCS)	0.0032
	N.W(KG/Box)	0.032
	G.W(KG/Box)	0.053

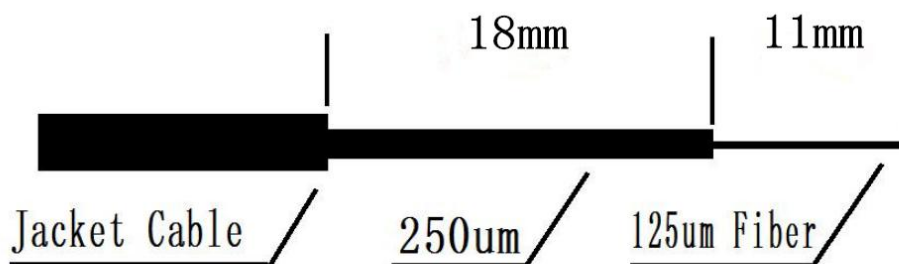
Adapter (supports strip and cut fiber):



1 adapter / 10 fast con nectors

1 Operation Manual/ 10 fast con ne

Cleave fiber :



Gift Box Packing(Inner packing) :

	Size(CM)	22.7*19.3*7.4
	QTY(Blister Box/Girt Box)	10
	N.W(KG/Box)	0.32
	G.W(KG/Box)	0.53

Outer Packing:

	Size(CM)	39.8*23.6*37.5
	QTY(Gift Box/Box)	10
	QTY(Pcs/Box)	1000
	N.W(KG/Box)	3.3
	G.W(KG/Box)	6.3