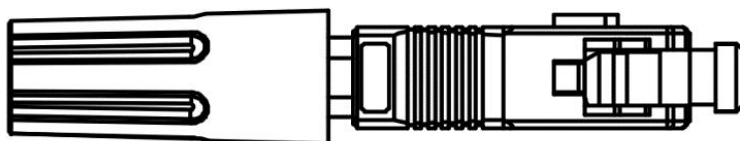


YX-04 Fast Connector



Product Structure :

Measured the Structure



Product length :

$50\text{mm} \leq L \leq 60\text{mm} (\approx 49.5\text{m})$

Optical Characteristics :

Category	Specification
Applicable for	Drop cable, Indoor cable
Fiber mode	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 cable
Fiber diameter	0.125mm
Force holds 2 x 3mm cable type at the beginning the fast connector	$\geq 50\text{ N}$, loss $\leq 0.3\text{ dB}$ (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	$\Delta IL \leq 0.3$
Mechanical durability (500 times)	dB	$\Delta IL \leq 0.3$
Drop-off test (drop-off height 4m, once per direction, totally 3 times)	dB	$\Delta IL \leq 0.3$

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	≤ 0.3	≤ 5	

	connector: L = 22-28cm; Rate : 10times / min. Times:			
Tensile	Pull : 50N; The distance between Loading location 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)	0.0031
	N.W(KG/Box)	0.031
	G.W(KG/Box)	0.041

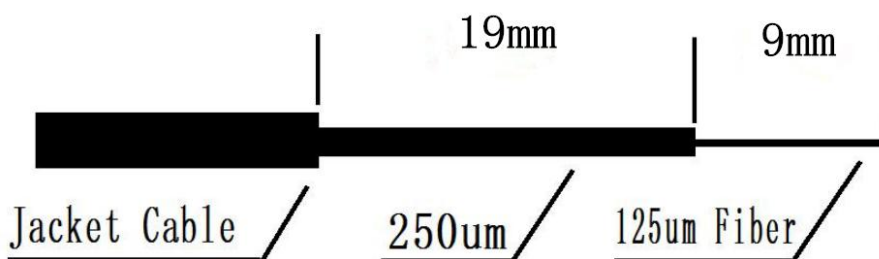
Adapter (supports strip and cut fiber):



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)	10
	QTY(Pcs/Box)	1000
	N.W(KG/Box)	3.5
	G.W(KG/Box)	5