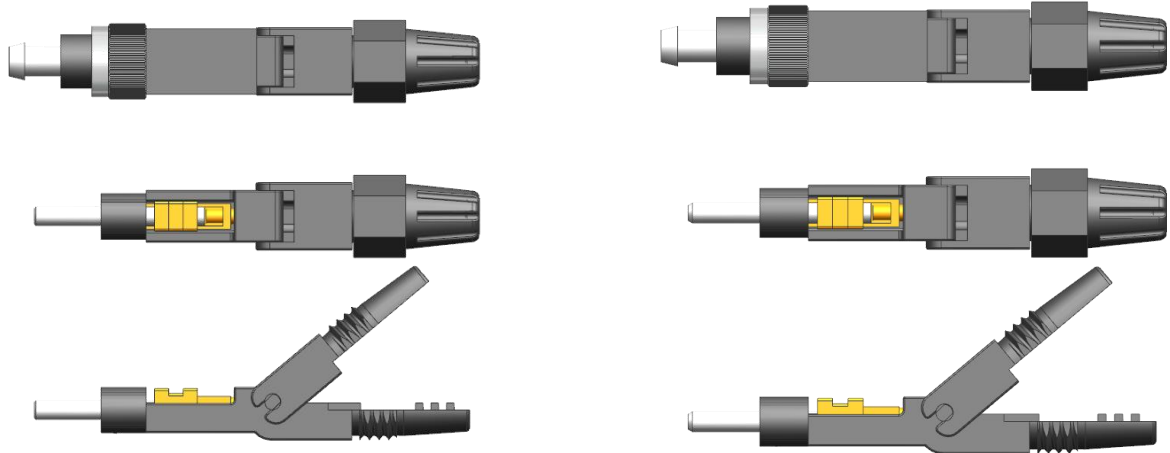
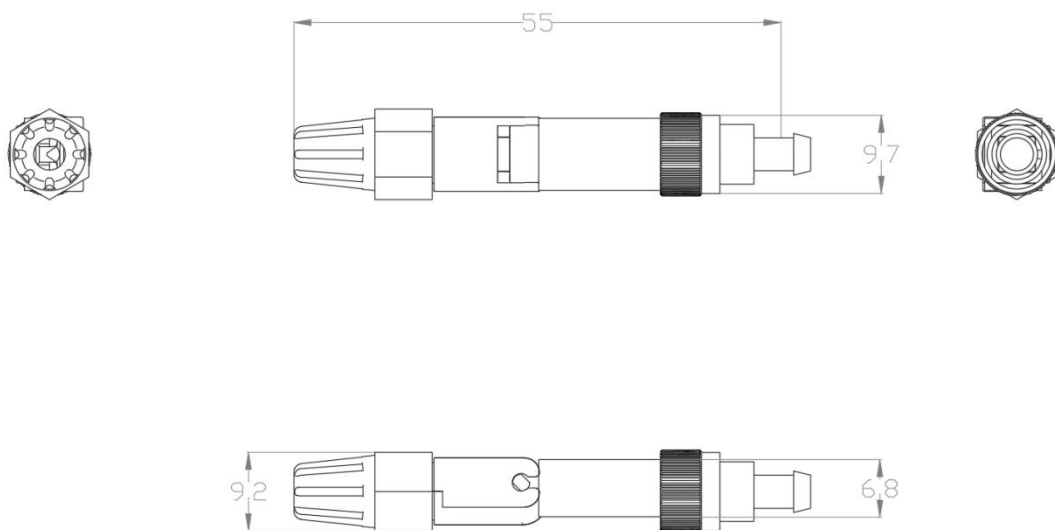


LN-FC Fast Connector



Product Structure:

Reference drawing



Product length: 55MM

Optical Characteristics:

Category	Specification	
Applicable for	Drop cable. Indoor cable	
Fiber mode	Single mode	
Fiber type	G.657A2	
Fiber cable	Ø3.0 / Ø0.9 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	
Fiber lock	Lock holds fiber reliability, bears hang force ≥ 1 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	Average ≤0.3 DB, max ≤0.5 DB
Insertion Loss Typical value	dB	0.3
Return Loss	dB	UPC≥50, APC≥55
Tensile strength	N	≥45
Reusable	Time	≥10 times
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 height 4m, once per direction, totally 3 times)	dB	ΔIL≤0.3

Environmental performance requirement:

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

Product Packaging Information:

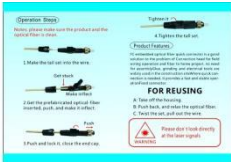
Blister Box Packing

	Size(CM)	14.5*7*1.5
	QTY(PCS/Box)	10
	N.W(G/PCS)	3.65
	N.W(G/Box)	36.5
	G.W(G/Box)	46.5

Adapter (supports strip and cut fiber):



1 adapter / 100 fast connectors



1 Operation Manual/ 100 fast connectors

Cleave fiber:



Gift Box Packing(Inner package):

	Size(CM)	15.5*11.5*7.5
	QTY(Blister Box/Girt Box)	100
	N.W(G/Box)	365
	G.W(G/Box)	440

Outer Package:

	Size(CM)	41*17*24.5
	QTY(Gift Box/Carton)	10
	QTY(Pcs/Carton)	1000
	N.W(KG/Carton)	3.6
	G.W(KG/Carton)	5.3

	Size(CM)	41*32*24.5
	QTY(Gift Box/Carton)	20
	QTY(Pcs/Carton)	2000
	N.W(KG/Carton)	7.2
	G.W(KG/Carton)	10.6