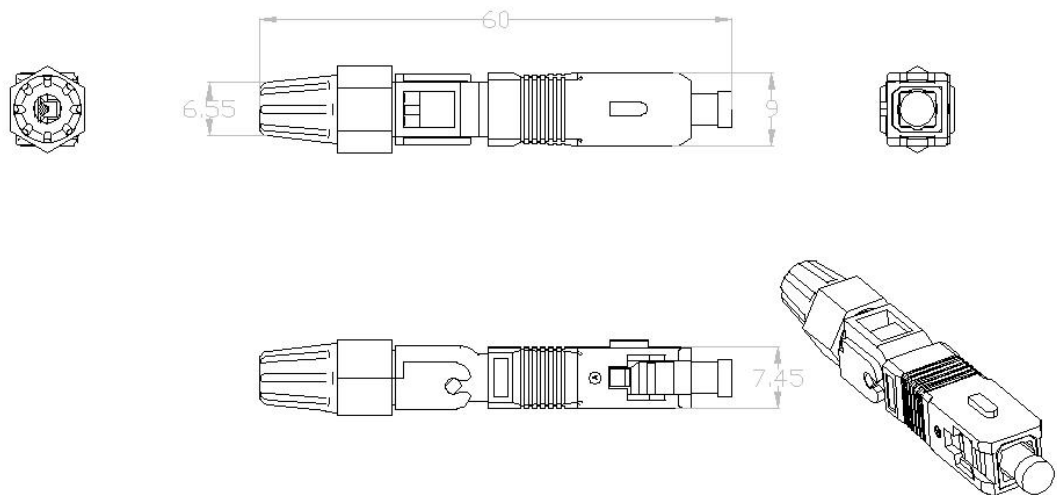


# LN-01-60 Fast Connector



**Product Structure:**  
Measured the Structure



**Product length: 60MM**

## 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 / $\varnothing$ 0.9 insulated optical cab
Fiber diameter	0.125mm
Force holds 2 x 3mm cable type at the beginning the fast connector	$\geq 45$ N, loss $\leq 0.3$ dB
Fiber lock	Lock holds fiber reliability, bears hang force $\geq 1.5$ N, attenuation changes $\leq 0.2$ dB
Working wavelength	1310 nm, 1490 nm, 1550 nm

Operation time	S	About 50(no fiber cut)
Insertion Loss	dB	$\leq 0.35$
Insertion Loss Typical value	dB	0.3
Return Loss	dB	UPC $\geq 50$ , APC $\geq 55$
Fastening strength of naked fiber	N	$\geq 3$
Tensile strength	N	$\geq 45$
Reusable	Time	$\geq 10$ 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			Appearance
	Condition	IL Variation	RL Variation	
High TEMP	85°C, 96H	$\leq 0.3$	$\leq 5$	No mechanical damage, like deformation, cracking and untight
Low TEMP	-40°C, 96H	$\leq 0.3$	$\leq 5$	
Temperature Cycle	Cycle: 8 hours Total: 12 cycles / 96 hours Temperature Maintenance: 1 hour	$\leq 0.3$	$\leq 5$	
Temperature/ Humidity	85°C, 95%RH, 96H	$\leq 0.3$	$\leq 5$	
Immersion	25°C, 96H	$\leq 0.3$	$\leq 5$	
Salt Mis	5% NaCl, 6.5 < PH < 7.5, 35°C, 96H	$\leq 0.3$	$\leq 5$	

## 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)	<b>14.5*7*1.5</b>
	QTY(PCS/Box)	<b>10</b>
	N.W(G/PCS)	<b>3.21</b>
	N.W(G/Box)	<b>32.1</b>
	G.W(G/Box)	<b>40</b>

## Adapter (supports strip and cut fiber):



1 adapter / 50 fast connectors




1 Operation Manual/ 10 fast connecto

## Cleave fiber:



## Gift Box Packing(Inner packing):

	Size(CM)	<b>15.5*11.5*7.5</b>
	QTY(Blister Box/Girt Box)	<b>10</b>
	N.W(G/Box)	<b>420</b>
	G.W(G/Box)	<b>478</b>

## Outer Packing:

	Size(CM)	<b>41*17*24.5</b>
	QTY(Gift Box/Box)	<b>10</b>
	QTY(Pcs/Box)	<b>1000</b>
	N.W(KG/Box)	<b>4.2</b>
	G.W(KG/Box)	<b>5.3</b>

	Size(CM)	<b>41*32*24.5</b>
	QTY(Gift Box/Box)	<b>20</b>
	QTY(Pcs/Box)	<b>2000</b>
	N.W(KG/Box)	<b>8.4</b>
	G.W(KG/Box)	<b>10.6</b>