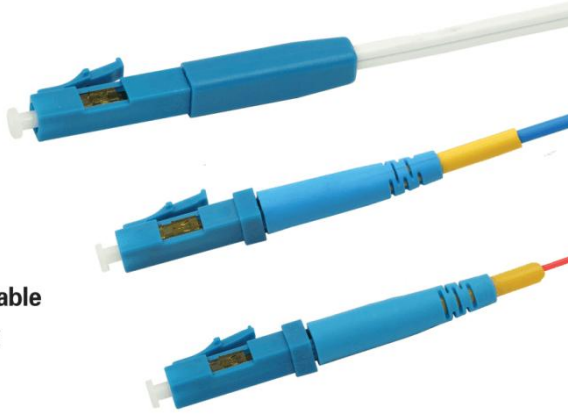




## LC/PC/APC Fast Connector

### Specification

<b>Product Name</b>	<b>Fast Connector</b>	<b>Product Modle</b>	<b>LC/PC/APC Fast Connector 0.9/2.0/3.0 /2*3</b>
<b>File Numbers</b>		<b>Version</b>	
 <p> <b>正真适用</b>  <b>For fiber optic cable</b>            MODEL: 2X3mm 光缆            MODEL: 3.0mm 光缆            MODEL: 2.0mm 光缆            MODEL: 0.9mm 光缆         </p>			
	<b>ESCRIBED</b>	<b>CHECKED</b>	<b>APPROVED</b>
<b>NAME</b>			
<b>DATE</b>			

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## Product Structure

Measured the Structure

## Product length

≈45mm

## Optical Characteristics

Category	Specification		Remarks
Applicable for	Drop cable. Indoor cable		
Fiber mode	Single mode or Multi mode		
Operation time	S	About 50(no fiber cut)	
Insertion Loss	dB	≤0.5	
Insertion Loss Typical value	dB	0.3	
Return Loss	dB	≥50	
Fastening strength of naked fiber	N	≥5	
Tensile strength	N	≥50	
Reusable	Time	≥10 times	
Operating Temperature	°C	-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

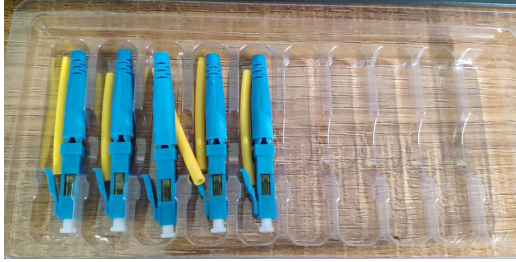
Category	Specification			
	Condition	IL Variation	RL Variation	Appearance
High TEMP	110°C, 200H	≤0.5	≤5	No mechanical damage, like deformation, cracking and untight
Low TEMP	-40°C, 200H	≤0.5	≤5	
TEMP Cycling	-40~85°C, 3.5H/Cle, 100C	≤0.5	≤5	
HAST	110°C, 90%RH,200H	≤0.5	≤5	
Immersion	25°C,200H	≤0.5	≤5	
Salt Mist	5% Nacl, 6.5<PH<7.5, 35°C,200H	≤0.5	≤5	

### Mechanical Performance Requirements

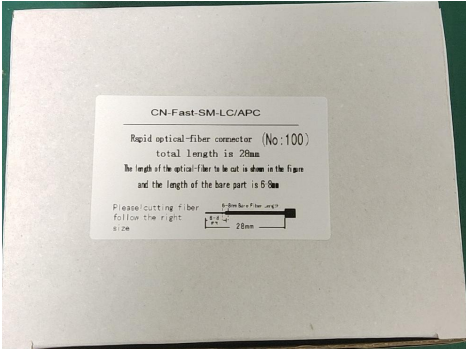
Category	Specification			
	Condition	IL Variation	RL Variation	Appearance
Impact	Height: 4m; 1 drop each axis; 3 cycles	≤0.5	≤5	No mechanical damage, like deformation, cracking and untight
Vibration	Frequency: 10 ~ 50HZ; Sweep: 45 times / min; amplitude: 0.75mm; Duration:30min each axial	≤0.5	≤5	
Torsional	Pull: 15N; The distance between Loading location and fast connector: L = 22-28cm; Rate: 10times / min. Times: 200	≤0.5	≤5	
Tensile	Pull: 50N; The distance between Loading location and fast connector: L = 22-28cm; Duration:1min.	≤0.5	≤5	

## Product Packaging Information


### Blister Box Packing

	Size(CM)	16*9.5*2
	QTY(PCS/Box)	10
	N.W(KG/PCS)	
	N.W(KG/Box)	
	G.W(KG/Box)	0.031

### Gift Box Packing(Inner packing)

 <p>CN-Fast-SM-LC/APC Rapid optical-fiber connector (No.:100) total length is 20mm The length of the optical-fiber to be cut is shown in the figure and the length of the bare part is 6.9mm Please cutting fiber follow the right size</p>	Size(CM)	20x16.7x7.6
	QTY(Blister Box/Gift Box)	100
	N.W(KG/Box)	
	G.W(KG/Box)	0.35

### Outer Packing

	Size(CM)	42*36*27
	QTY(Gift Box/Box)	100
	QTY(Pcs/Box)	1000
	N.W(KG/Box)	
	G.W(KG/Box)	3.5