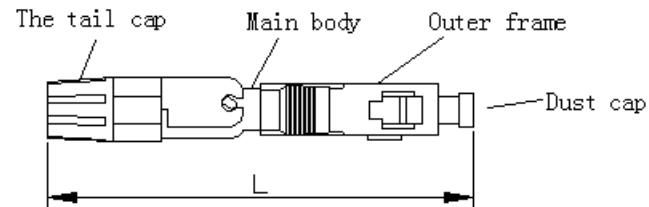


Description

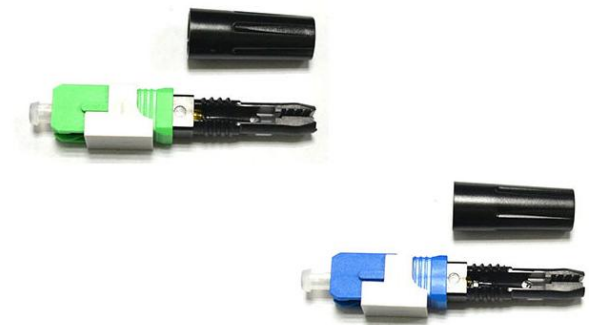
The Fast Connector also is called "Field Assembly Connector" or "Field terminated fiber connector" or "quickly assembly Fiber connector". It is designed for simple and fast field termination of single fibers, without polishing or epoxy. The unique design is a pre-polished ferrule and a mechanical splice inside the connector body.



Product Structure



Length: $50\text{mm} \leq L \leq 60\text{mm}$



Optical Parameters

Category	Specification	
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

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	

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	

Package


Blister Packing

	Size(CM)	14.5x7x1.5
	QTY(PCS/Box)	10
	N.W(KG/PCS)	0.0034
	N.W(KG/Box)	0.034
	G.W(KG/Box)	0.0415

Color Box Packing

	Size(CM)	15x7.6x1.8
	QTY(Blister Box/Girt Box)	1
	N.W(KG/Box)	0.034
	G.W(KG/Box)	0.054

Outer Carton

	Size(CM)	49X32X32.5	49X32X17
	QTY(Gift Box/Box)	200	100
	QTY(Pcs/Box)	2000	1000
	N.W(KG/Box)	6.8	3.4
	G.W(KG/Box)	12	6.5