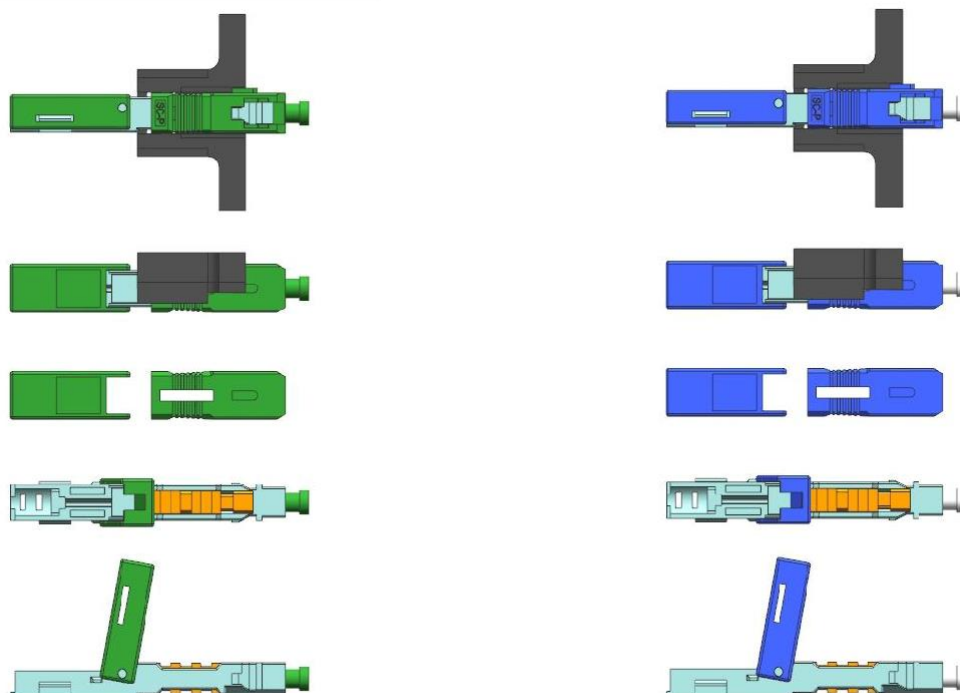
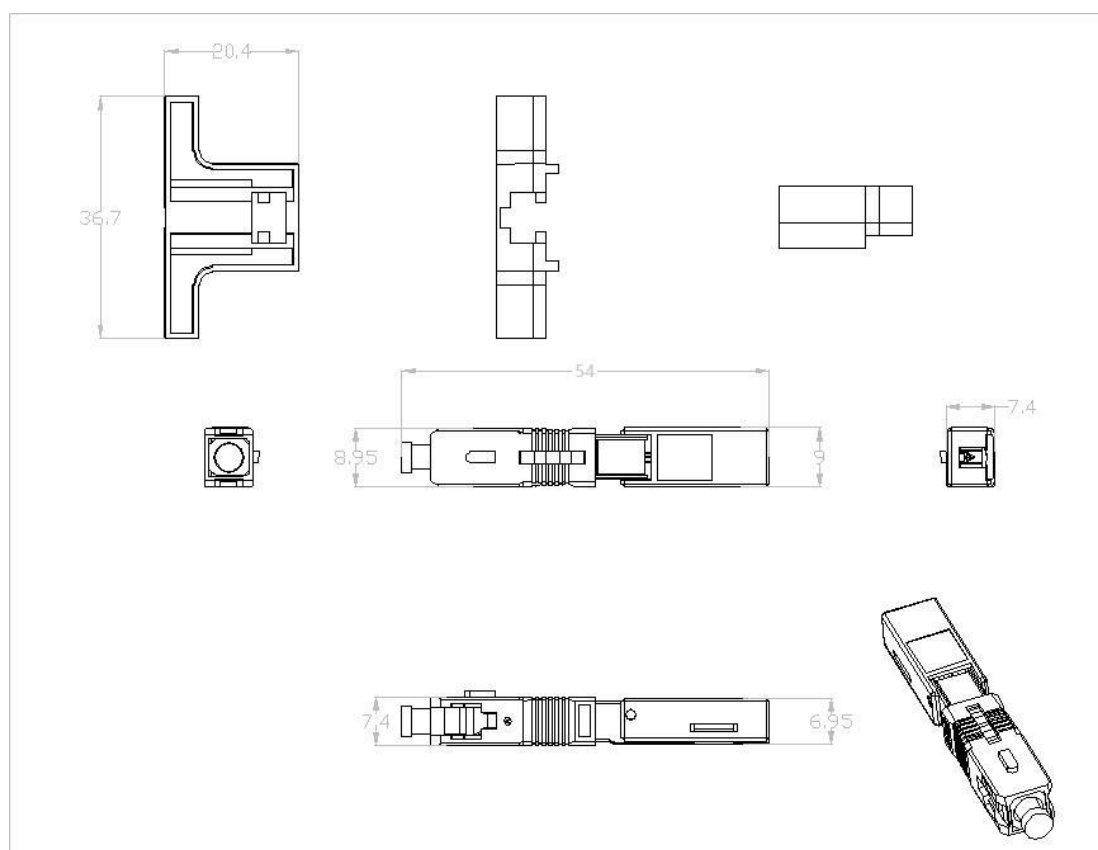


Fast Connector HH A13



Product Structure:

Measured the Structure



Product length: 54MM

Optical Characteristics:

Category	Specification
Applicable optical cable	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
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 ≥ 1.5 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 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)	2.5*7
QTY(PCS/Box)	1
N.W(G/PCS)	4.95
N.W(G/Box)	4.95
G.W(G/Box)	5.7

Adapter (supports strip and cut fiber):



1 adapter / 10 fast connectors

1 Operation Manual/ 10 fast connectors

Cleave fiber:



Gift Box Packing(Inner packing):

	Size(CM)	23*21*11.5
	QTY(Blister Box/Girt Box)	100
	N.W(G/Box)	510
	G.W(G/Box)	700

Outer Packing:

	Size(CM)	59*44.5*24.5
	QTY(Gift Box/Box)	10
	QTY(Pcs/Box)	1000
	N.W(KG/Box)	5.1
	G.W(KG/Box)	7.5