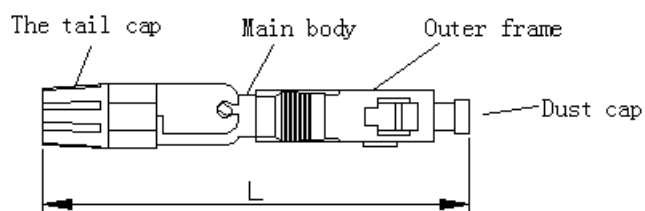


Product Name	Fast Connector SC/APC	Product name	Fast Connector SC/UPC
Model	KT-8801	Model:	KT-8802
			

Specification

1.Product Structure

1.1 Measured the Structure



1.2 Product length

5501 type

$50\text{mm} \leq L \leq 60\text{mm} (\approx 55\text{mm})$

2.Optical Characteristics

Category	Specification	Remarks
Aoolicable for	Drop cable.Indoor cable	
Fiber mode	Single mode or Multi mode	
Fiber type	G.652D, G.657A1	
Fiber cable	3.0*2.0mm rubber-insulated optical cable ø3.0/ø2.0 /ø0.9 insulated optical cable	
Optical fiber diameter (µm)	125	
Diameter casing (µm)	250 or 900	
Connector Type	SC/APC	
Insertion Loss – IL	≤ 0.3dB @ 1310nm, 1490nm, 1550nm	
Return Loss – RL	≥ 55dB	
Force holds 2 x 3mm cable type at the beginning of the fast connector	≥ 40 N, loss ≤ 0.3 dB (sample cable length: 22 - 28 cm, test time: 2 minutes)	
Fiber lock	Lock holds fiber reliability, bears hang force ≥ 3.8 N, attenuation changes ≤ 0.2 dB. test time: 1 minute	
Insertion loss after 100 times plug connector into coupler	≤ 0.4dB	
Analysis 3D Ferrule (3D Geometry test)	Telcordia GR- 326-CORE and IEC 61755-3-2	
Number of reuse	≥ 10 times	
Operating temperature	-10oC đến +60oC, or larger	
Printing parameters	Manufacturer name, and month / year of production on fast connector body to determine the warranty period	
Dimensions (max)	55mm x 8.9mm x 7mm	
Materials, colors	Zircronia ceramic/Green black	
Printing parameters	Manufacturer name, and month / year of production on fast connector body to determine the warranty period	

3.Environmental performance requirements

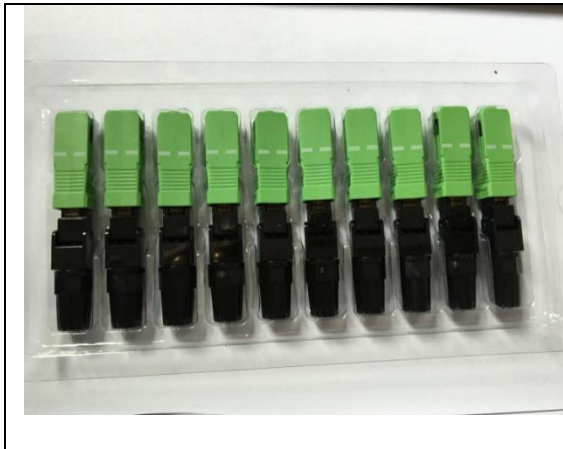
Category	Specification			
	Condition	IL Variation	RL Variation	Appearance
High TEMP	110°C 200H	≤0.5	≤5	No mechanical damage, like deformation, cracking and untight
Low TEMP	-40°C 200H	≤0.5	≤5	
TEMP Cycling	-40~85°C 3.5H/Cle, 100C	≤0.5	≤5	
HAST	110°C 90%RH,200H	≤0.5	≤5	
Immersion	25°C200H	≤0.5	≤5	
Salt Mist	5% Nacl, 6.5<PH<7.5, 35°C200H	≤0.5	≤5	

4.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	

5.Product Packaging Information

5.1 Blister Box Packing

	Size(CM)	14.6*7.6*1.6
	QTY(PCS/Box)	10
	N.W(KG/PCS)	0.0031
	N.W(KG/Box)	0.0465
	G.W(KG/Box)	0.031

5.2

Adapter (supports strip and cut fiber)



1 adapter -50 fast connectors.

1 Operation Manual-10 fast connectors.

1 Fiber clean paper / 01 fast connector

Cleave fiber

