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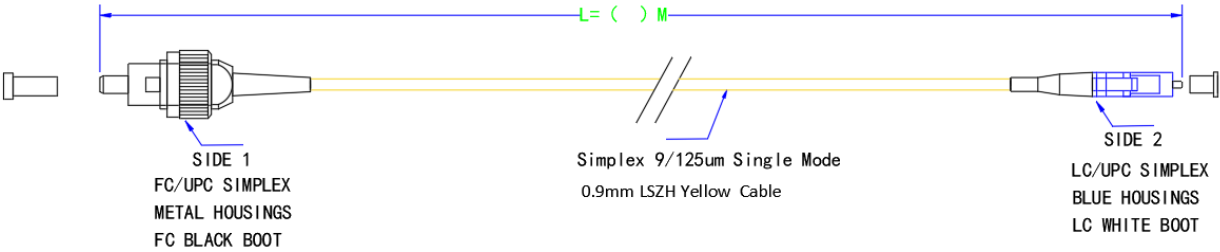
FCU-LCU SM G652D SX 0.9 LSZH Yellow Fiber patch cord

深圳市麒新宏泽有限公司
Shenzhen Keesun Technology Co., Ltd.
www.keesunantenna.com



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1. 产品结构图/Product Structure:



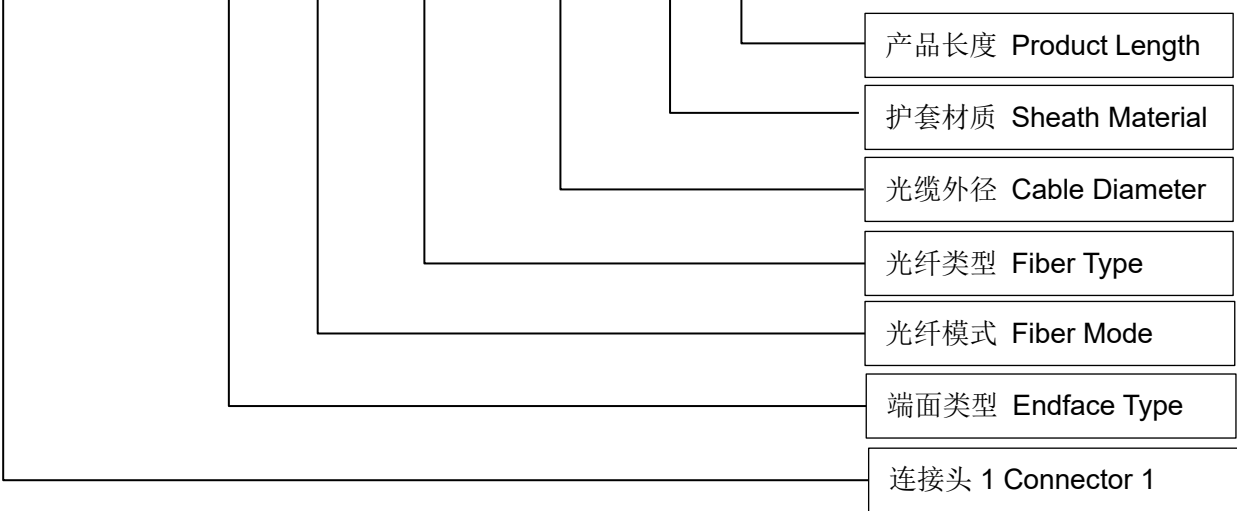
产品长度公差/Product Length Tolerance (ΔL) :

表一/Table 1

$L \leq 1m$	$-1cm \leq \Delta L \leq +5cm$
$1m < L \leq 10m$	$-10cm \leq \Delta L \leq +10cm$
$L \geq 10m$	$-10cm \leq \Delta L \leq 1\% * L$

2. 产品型号/Product Model:

FC/UPC- LC/UPC SM-G.652D-0.9mm-LSZH-L



表二/Table 2

连接头 1 Connector1	连接头 2 Connector2	端面类型 Endface Type	光纤类型 Fiber Type	光缆外径 Cable Diameter	护套材质 Sheath Material	颜色 Colour
FC	LC	UPC	G.652D	0.9mm	LSZH	黄色 Yellow
也可按照客户指定的规格定制 It can also be customized according to the specifications specified by customers.						

3. 光缆结构及性能/Fiber optic cable structure and performances



(0.9mm Cable)

表三/Tabel 3

光缆直径 Cable Diameter (mm)	内护套直径 Inner Sheath Diameter (mm)	允许拉伸力/Tension (N) 长期 Long term/ 短期 Short term	允许压扁力 Crush Resistance (N/100mm) 长期 Long term/ 短期 Short term
0.9±0.05	--	3/5	100/500

4. 光学性能/Optical Performances

表四/Tabel 4

项目/Item	连接头/Connector
插损/Insertion Loss(dB)	≤ 0.3
回损/Return Loss(dB)	SM: ≥ 50 (UPC) ≥ 60 (APC) ; MM: ≥ 35 (PC)
符合标准/Conform to criterion	IEC61754

5. 机械性能/mechanical performances

(1) 振动试验/Vibration test

测试标准/Test criterion: IEC 61300-2-1

振幅/Amplitude: 0.75mm

扫频范围/Frequency sweep range: 10~50HZ/minute

每轴持续时间/Time: 30minutes

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a)No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

(2) 跌落试验/Impact test

测试标准/Test criterion: IEC 61300-2-12

跌落高度/Drop height: 1.5m

跌落次数/Drop times: 5 次/times

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a)No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

(3) 耐久性测试/Mating durability test

测试标准/Test criterion: IEC 61300-2-2

插拔次数/Durability: 500 次/times

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a) No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

6. 环境性能/Environmental performances

(1) 高温试验/High temperature test

测试标准/Test criterion: IEC61300-2-18

温度要求/Temperature: 70°C

时间/Time: 96 小时 /hours

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a) No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

(2) 低温试验 /Low temperature test

测试标准/Test criterion: IEC61300-2-17

温度要求/Test criterion: -25°C

时间/Time: 96 小时/hours

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a) No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

(3) 温度循环/Change of temperature:

测试标准/Test criterion: IEC 61300-2-22

温度范围/Temperature range: -25°C to + 70°C

时间/Time: 96 小时/hours, 12 循环/cycles

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a) No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

(4) 湿热老化/Damp heat

测试标准/Test criterion: IEC 61300-2-19

试验条件/Test condition: 40°C, 93% RH

时间/Time: 96 小时/hours

试验后要求/After test:

a) 不得有机械损伤, 如变形、龟裂、松弛等现象

a) No mechanical damage, such as deformation, crack, slack, etc

b) 光学性能符合表五

b) The optical performance conforms to Table 5

表五/Tabel 5

序号/No.	试验项目/Test Item	插损变化量/Insertion Loss variation (dB)
1	振动试验/Vibration test	≤0.2
2	跌落试验/Impact test	≤0.2
3	耐久性试验/Mating durability test	≤0.2
4	高温试验/High temperature test	≤0.2
5	低温试验/Low temperature test	≤0.2
6	温度循环/Change of temperature	≤0.2
7	湿热老化/Damp heat	≤0.2

7. 温度性能/Temperature Performances

工作温度/Opration temperature: -25°C~+70°C



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安装温度/Installation temperature: -10°C~+60°C

存储温度/Storage temperature: -40°C~+85°C

8. 环保声明/Environmental protection

成品产品满足 ROHS 要求。

Products meet ROHS.

9. 包装、运输及储存/Packaging, Transportation and Storage

1、标识/Identification

产品包装盒（袋）上应标有产品型号及规格、光学性能参数、生产批次号等信息。

Product packaging box (bag) should be marked with product model and specifications, optical performance parameters, production batch number and other information.

2、包装/Packaging

盘圈捆扎后，用自封袋包装，再根据客户订单数量用纸箱包装。

After the coils are tied up, they are packed in ziplock bags, and then packed in cartons according to the customer's order quantity

3、运输/Transportation

当产品需要长途运输时，需用硬纸箱做外包装，在包装箱上，应按国家标准中的规定，做好相应的标志。

When the products need to be transported long distance, you need to use cardboard boxes as outer packing, on the packing boxes, according to the provisions of the national standards, do the corresponding marks

4、储存/Storage

产品不应长时间储存在露天、潮湿和严重腐蚀的环境中。

Products should not be stored in open air, wet or seriously corroded environment for a long time

注：以上规格若客户有其他需求均可按照客户要求生产。

Note: the above specifications can be produced according to the customer's requirements.

修订记录/Revision record

日期/Date	版本/ version	修订说明/Revision note	编制/Prepared by
2022.04.10	V01	首版发行/First edition	宾权