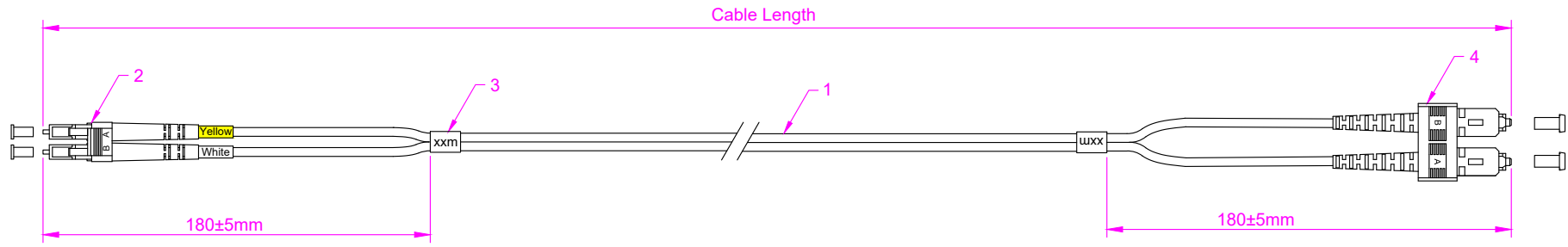


REV	MODIFICATION	UPDATE DATE	SIGNATURE



**Technical requirements:**

**1.Performance requirements:**

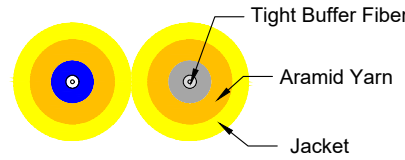
Insertion loss:  $IL \leq 0.3\text{dB}$

Return loss:  $RL \geq 55\text{dB}(SC) \geq 60\text{dB}(LC)$

2.Fiber optic connectors meet IEC 61754,YDT1272 standards

3.Optical fiber cable in line with IEC60793-1, IEC 60794 standards

4.Fiber optic jumper complies with IEC 61300,GR-326, TIA/EIA568-B standards



Cable Structure

Cable Length	Tolerance
Cable Length<1M	5cm
1M≤Cable Length<15M	10cm
15M≤Cable Length<30M	15cm
Cable Length≥30M	Cable Length*1%

Requirements Of Cable					
Cable Type				Fiber Type	G657A1
Cable Diameter	2.0mm	Attenuation	@1310nm ≤ 0.4dB/km		
Cable Material	PVC		@1550nm ≤ 0.3dB/km		
Tensile Strength	Long Term	70 N	Crush Resistance	Long Term	200 N/100mm
	Short Term	150 N		Short Term	1000 N/100mm
Bending Radius	Static	10 D	Temperature Range	Storage Temperature	-20℃ ~ +60℃
	Dynamic	20D		Operating Temperature	-20℃ ~ +60℃

4	1	SC/UPC SM 2.0mm Duplex Connector(Blue Housing Blue Boot)(With Blue Clip)
3	2	Length Lable
2	1	LC/APC SM 2.0mm Duplex Connector(Green Housing Green Boot)
1	A/R	OD: 2.0mm,Singlemode 9/125 G657A1 ,Duplex,Fiber Optic Cable,Color:Yellow,PVC

ITEM	QTY	P/N	SPECIFICATIONS			
------	-----	-----	----------------	--	--	--

	DRAW		DATE	19-11-2021	TITLE: Fiber Optic Patch Cord LC/APC-SC/UPC Duplex 2.0mm Singlemode				
	CHECK	<i>Shuankuan</i>	APPROVED		CUSTOMER NO		DWG NO	FJ9LCASC-XXM	REV