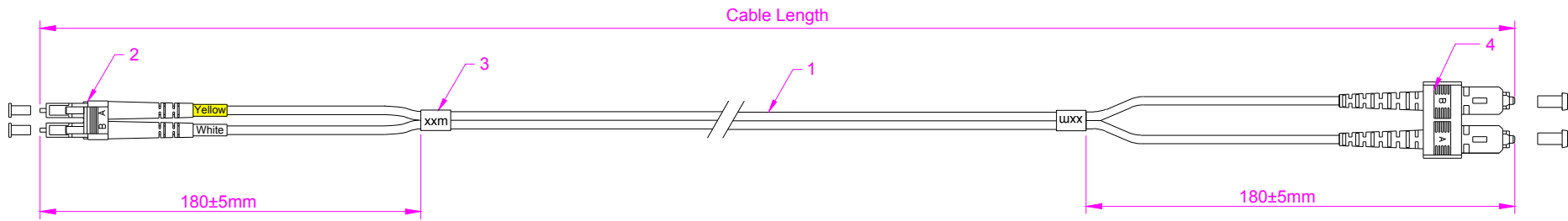


REV	MODIFICATION	UPDATE DATE	SIGNATURE



Technical requirements:

1. Performance requirements:

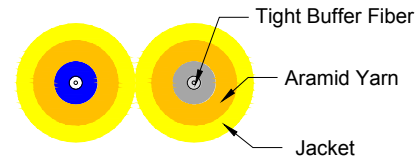
Insertion loss: $IL \leq 0.3\text{dB}$

Return loss: $APC \geq 60\text{dB} / UPC \geq 55\text{dB}$

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	G652D
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°C ~ +60°C
	Dynamic	20D		Operating Temperature	-20°C ~ +60°C

ITEM	QTY	P/N	SPECIFICATIONS
4	1		SC/APC SM Duplex 2.0mm Connector (Green Housing Green Boot+Clip)
3	2		Cable Labe
2	1		LC/UPC SM Duplex 2.0mm Connector (Blue Housing White Boot)
1	A/R		OD: 2.0mm, Singlemode 9/125 G652D ,Duplex,Fiber Optic Cable,Color:Yellow PVC

	DRAW		DATE	19-11-2021	TITLE: Fiber Optic Patch Cord LC/UPC-SC/APC Duplex 2.0mm				
	CHECK	lihuankuan	APPROVED		CUSTOMER NO		DWG NO	FJ9LCSCA-XXM	REV