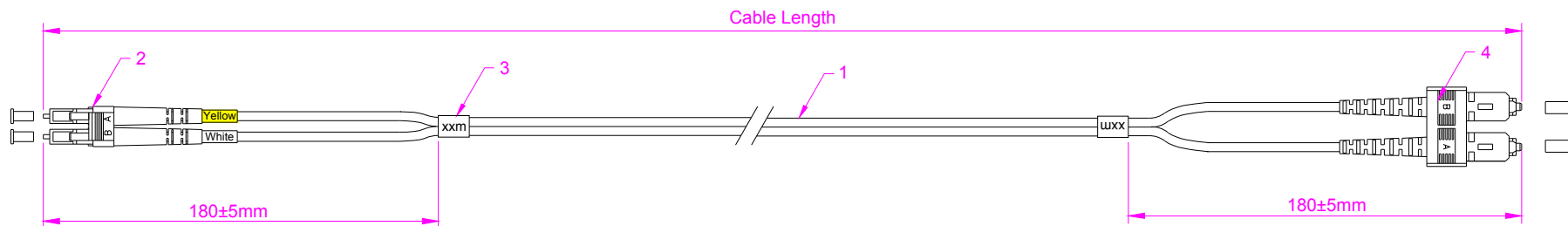


REV	MODIFICATION	UPDATE DATE	SIGNATURE



**Technical requirements:**

**1. Performance requirements:**

Insertion loss:  $IL \leq 0.2\text{dB}$

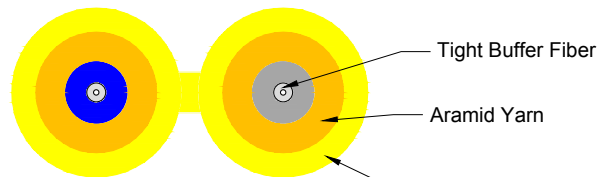
Return loss:  $RL \geq 55\text{dB}$

2. Fiber optic connectors meet IEC 61754, YDT1272 standards

3. Optical fiber cable in line with IEC 60793-1, IEC 60794 standards

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

5. A-B/B-A



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	60 N	Crush Resistance	Long Term	100 N/100mm
	Short Term	100 N		Short Term	500 N/100mm
Bending Radius	Static	30 D	Temperature Range	Storage Temperature	-20 ~ +60
	Dynamic	50D		Operating Temperature	-20 ~ +60

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

ITEM	QTY	P/N	SPECIFICATIONS
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	DRAW	Taylor Scott	DATE	18-08-2021	TITLE: Fiber Optic Patch Cord LC/UPC-SC/UPC Duplex 2.0mm Singlemode				
	CHECK	<i>Chuanhuan</i>	APPROVED		CUSTOMER NO		DWG NO	FJ9LCSC-XXM	REV