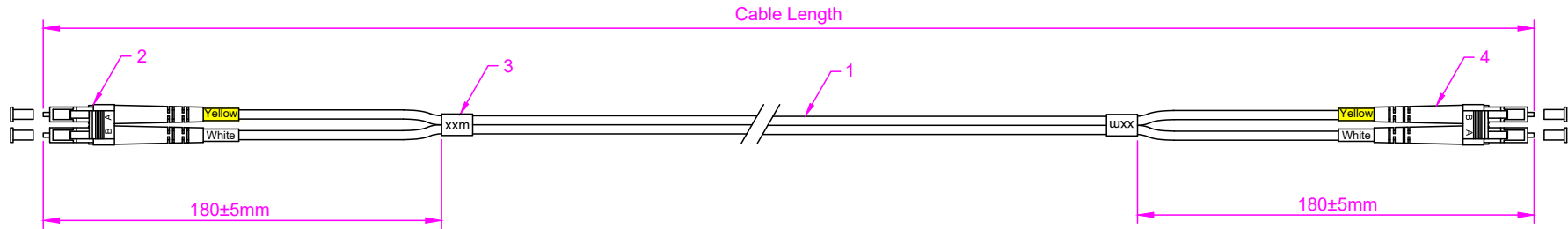


REV	MODIFICATION	UPDATE DATE	SIGNATURE



Technical requirements:

1. Performance requirements:

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

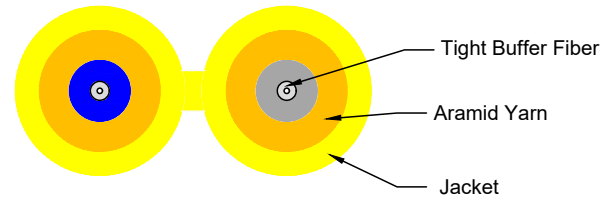
Return loss: $RL \geq 60\text{dB(APC)}/55\text{dB(UPC)}$

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

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%

4	1	LC/UPC SM 2.0mm Duplex Connector(Blue Housing White Boot)
3	2	Cable Label
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

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°C ~ +60°C
	Dynamic	50D		Operating Temperature	-20°C ~ +60°C

ITEM	QTY	P/N	SPECIFICATIONS			
			DRAW	DATE	12-08-2021	TITLE: Fiber Optic Patch Cord LC/APC-LC/UPC Duplex 2.0mm Singlemode
			CHECK	APPROVED	CUSTOMER NO	DWG NO
					FJ9LCA LC-XXM	REV
						A