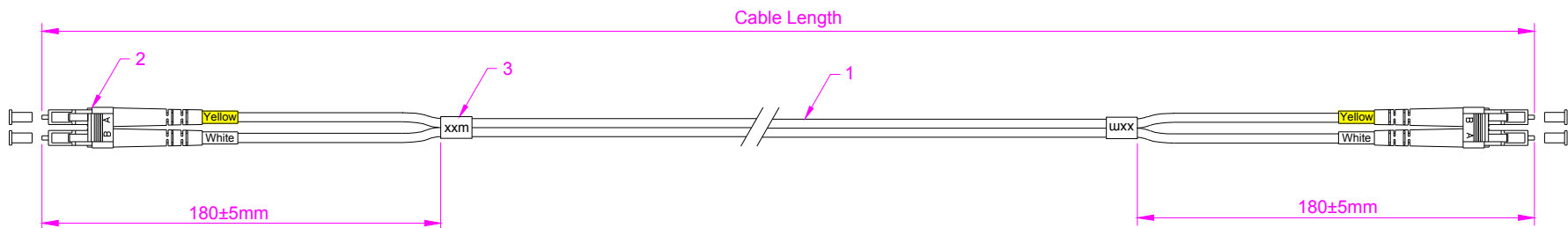


REV	MODIFICATION	UPDATE DATE	SIGNATURE



Technical requirements:

1. Performance requirements:

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

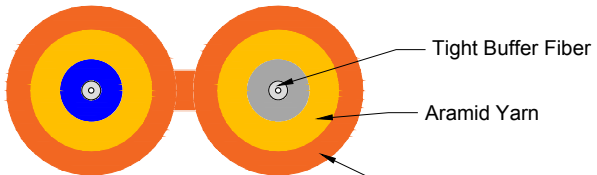
Return loss:  $RL \geq 35\text{dB}$

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

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		
			OM1		
Cable Diameter		2.0mm	Attenuation	@850nm < 3.5dB/km	
Cable Material		PVC		@1300nm < 1.5dB/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	
	Dynamic	50D		-20 ~ +60	
				Operating Temperature	
				-20 ~ +60	

ITEM	QTY	P/N	SPECIFICATIONS
3	2		Cable Label
2	2		LC/UPC MM 2.0mm Duplex Connector(Beige Housing White Boot)
1	A/R		OD: 2.0mm, Multimode 62.5/125 OM1 , Duplex, Fiber Optic Cable, Color: Orange, PVC

	DRAW	Taylor Scott	DATE	18-08-2021	TITLE: Fiber Optic Patch Cord LC/UPC-LC/UPC Duplex 2.0mm OM1 Multimode				
	CHECK	<i>lihuankuan</i>	APPROVED		CUSTOMER NO		DWG NO	FJ6LCLC-XXM	REV