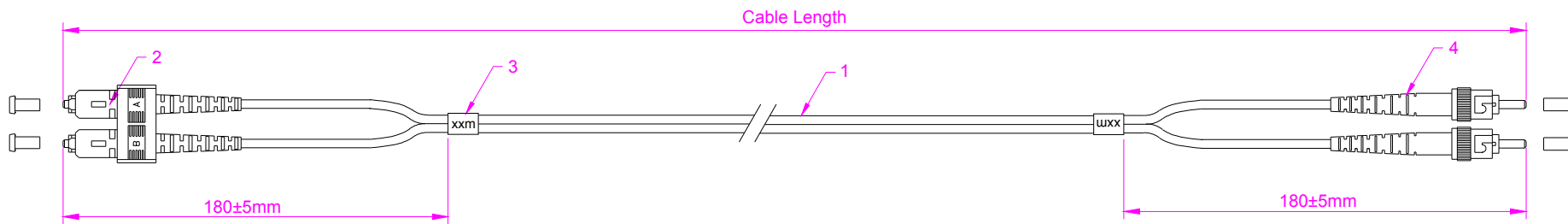


REV	MODIFICATION	UPDATE DATE	SIGNATURE



Technical requirements:

1. Performance requirements:

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

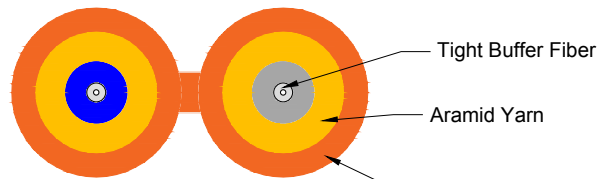
Return loss: $RL \geq 35\text{dB}$

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


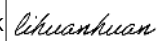


Cable Structure

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

4	1	ST/UPC MM 2.0mm Duplex Connector(Metal Housing Black Boot)
3	2	Cable Label
2	1	SC/UPC MM 2.0mm Duplex Connector(Beige Housing Beige Boot+Clip)
1	A/R	OD: 2.0mm, Multimode 50/125 OM2 , Duplex, Fiber Optic Cable, Color: Orange, PVC

Requirements Of Cable					
Cable Type				Fiber Type	OM2
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	-20 ~ +60
	Dynamic	50D		Operating Temperature	-20 ~ +60

ITEM	QTY	P/N	SPECIFICATIONS							
			DRAW	Taylor Scott	DATE	18-08-2021	TITLE: Fiber Optic Patch Cord SC/UPC-ST/UPC Duplex 2.0mm OM2 Multimode			
			CHECK	APPROVED	CUSTOMER NO		DWG NO	FJ5SCST-XXM	REV	A