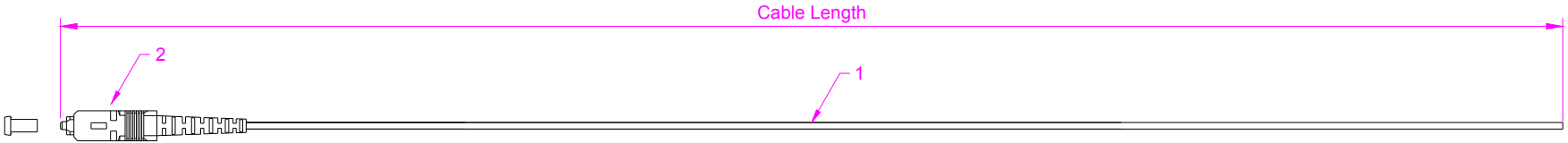


REV	MODIFICATION	UPDATE DATE	SIGNATURE



**Technical requirements:**

**1.Performance requirements:**

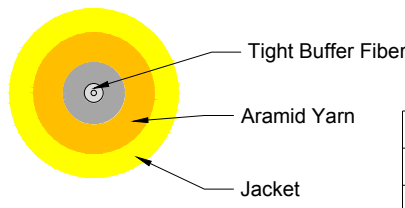
Insertion loss:  $IL \leq 0.2\text{dB}$

Return loss:  $RL \geq 60\text{dB}$

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	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	

2	1		SC/APC SM 2.0mm Simplex Connector(Green Housing Green Boot)
1	A/R		OD: 2.0mm, Singlemode , 9/125 G657A1 ,Simplex,Fiber Optic Cable,Color:Yellow,PVC
ITEM	QTY	P/N	SPECIFICATIONS

	DRAW	Taylor Scott	DATE	12-08-2021	TITLE: Pigtail SC/APC Simplex 2.0mm Singlemode				
	CHECK	<i>Whuankuan</i>	APPROVED		CUSTOMER NO		DWG NO	FJ9SCAX-XXM-SIM	REV