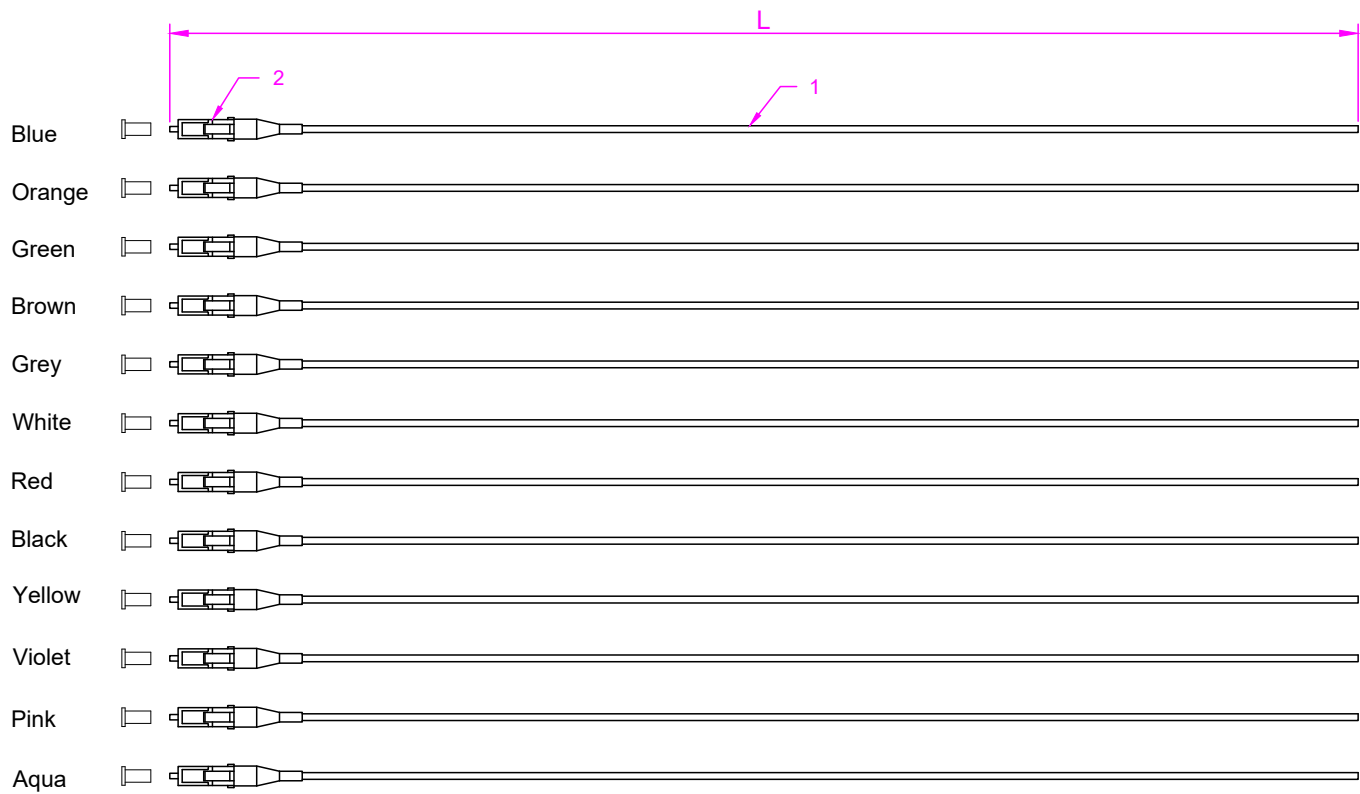


REV	MODIFICATION	UPDATE DATE	SIGNATURE



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 IEC60793-1, IEC 60794 standards
 4. Fiber optic jumper complies with IEC 61300, GR-326, TIA/EIA568-B standards

Cable Length	Tolerance
Cable Length < 1M	5cm
$1\text{M} \leq \text{Cable Length} < 15\text{M}$	10cm
$15\text{M} \leq \text{Cable Length} < 30\text{M}$	15cm
Cable Length $\geq 30\text{M}$	Cable Length * 1%

Requirements Of Cable					
Cable Type				Fiber Type	G657A1
Cable Diameter	0.9mm	Attenuation	@1310nm $\leq 0.4\text{dB/km}$		
Cable Material	PVC		@1550nm $\leq 0.3\text{dB/km}$		
Tensile Strength	Long Term	3 N	Crush Resistance	Long Term	/
	Short Term	6 N		Short Term	/
Bending Radius	Static	3.0mm	Temperature Range	Storage Temperature	-20°C ~ +70°C
	Dynamic	5.0mm		Operating Temperature	-20°C ~ +70°C

2	12	LC/UPC SM 0.9mm Simplex Connector(Blue Housing White Boot)	
1	A/R	$\varnothing: 0.9\text{mm}$, Singlemode 9/125 G657A1, Tight Buffer, Simplex, Fiber Optic Cable, Corning Fiber, PVC, 12 Colors	
ITEM	QTY	P/N	SPECIFICATIONS

	DRAW	Taylor Scott	DATE	12-08-2021	TITLE: Pigtail LC/UPC 12 strand bunch 0.9mm Singlemode				
	CHECK	<i>Whuanhuan</i>	APPROVED		CUSTOMER NO		DWG NO	FJ9LCX-XXM-12FR-900	REV