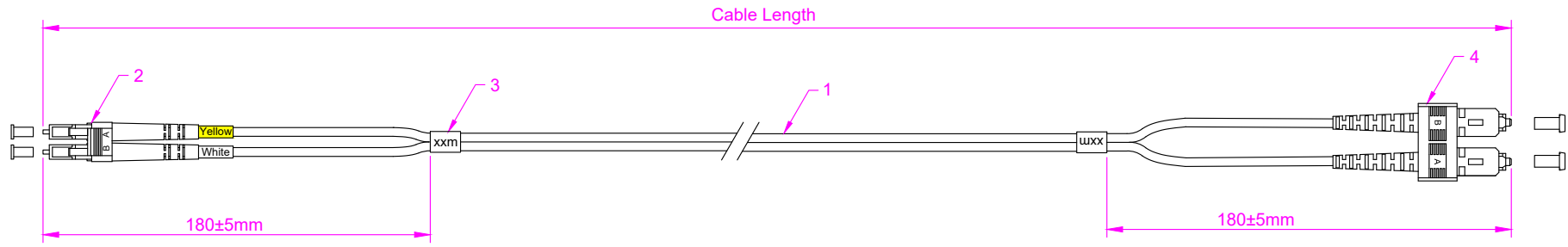


| | | | |
|-----|--------------|-------------|-----------|
| REV | MODIFICATION | UPDATE DATE | SIGNATURE |
| | | | |



Technical requirements:

1.Performance requirements:

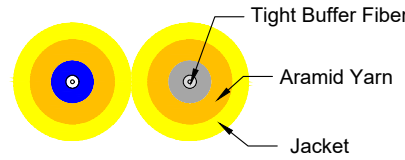
Insertion loss: $IL \leq 0.3\text{dB}$

Return loss: $RL \geq 55\text{dB}(SC) \geq 60\text{dB}(LC)$

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 | 70 N | Crush Resistance | Long Term | 200 N/100mm |
| | Short Term | 150 N | | Short Term | 1000 N/100mm |
| Bending Radius | Static | 10 D | Temperature Range | Storage Temperature | -20℃ ~ +60℃ |
| | Dynamic | 20D | | Operating Temperature | -20℃ ~ +60℃ |

| | | |
|---|-----|--|
| 4 | 1 | SC/APC SM 2.0mm Duplex Connector(Green Housing Green Boot)(With Green Clip) |
| 3 | 2 | Length Lable |
| 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 |

SPECIFICATIONS

| | | | | | | | | | |
|--|-------|------------------|----------|------------|---|--|--------|---------------|-----|
| | DRAW | | DATE | 19-11-2021 | TITLE: Fiber Optic Patch Cord LC/APC-SC/APC Duplex 2.0mm Singlemode | | | | |
| | CHECK | <i>Shuankuan</i> | APPROVED | | CUSTOMER NO | | DWG NO | FJ9LCASCA-XXM | REV |