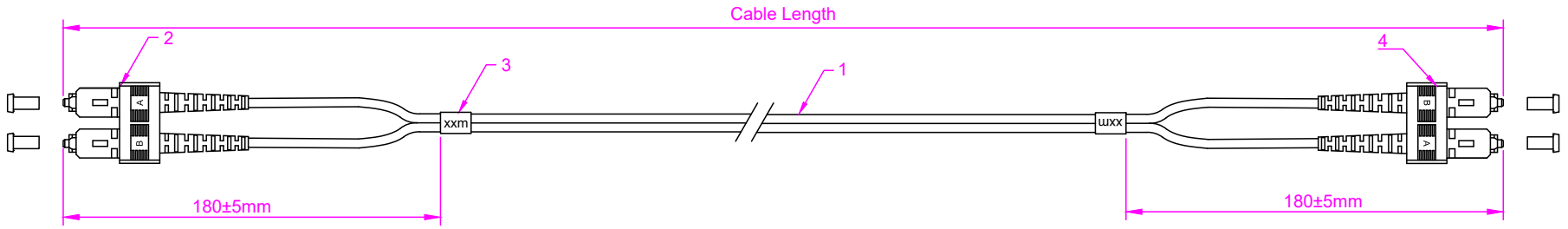
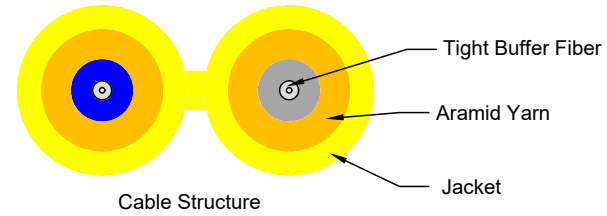


| REV | MODIFICATION | UPDATE DATE | SIGNATURE |
|-----|--------------|-------------|-----------|
| | | | |
| | | | |
| | | | |



Technical requirements:

- Performance requirements:
 Insertion loss: $IL \leq 0.2\text{dB}$
 Return loss: $RL \geq 60\text{dB(APC)} / \geq 55\text{dB(UPC)}$
- Fiber optic connectors meet IEC 61754, YDT1272 standards
- Optical fiber cable in line with IEC60793-1, IEC 60794 standards
- Fiber optic jumper complies with IEC 61300, GR-326, TIA/EIA568-B standards
- A-B/B-A



| 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°C ~ +60°C |
| | Dynamic | 50D | | Operating Temperature | -20°C ~ +60°C |

| ITEM | QTY | P/N | SPECIFICATIONS | | | |
|------|-----|-----|---|--|--|--|
| 4 | 1 | | SC/UPC SM 2.0mm Duplex Connector(Blue Housing Blue Boot)With Blue Clip | | | |
| 3 | 2 | | Cable Label | | | |
| 2 | 1 | | SC/APC SM 2.0mm Duplex Connector(Green Housing Green Boot)With Green Clip | | | |
| 1 | A/R | | OD: 2.0mm, Singlemode 9/125 G657A1 ,Duplex, Fiber Optic Cable, Color: Yellow, PVC | | | |



| | | | | | | | | | |
|-------|---------------|----------|------------|---|--|--------|--------------|-----|---|
| DRAW | | DATE | 12-08-2021 | TITLE: Fiber Optic Patch Cord SC/APC-SC/UPC Duplex 2.0mm Singlemode | | | | | |
| CHECK | <i>Lihuan</i> | APPROVED | | CUSTOMER NO | | DWG NO | FJ9SCASC-XXM | REV | A |