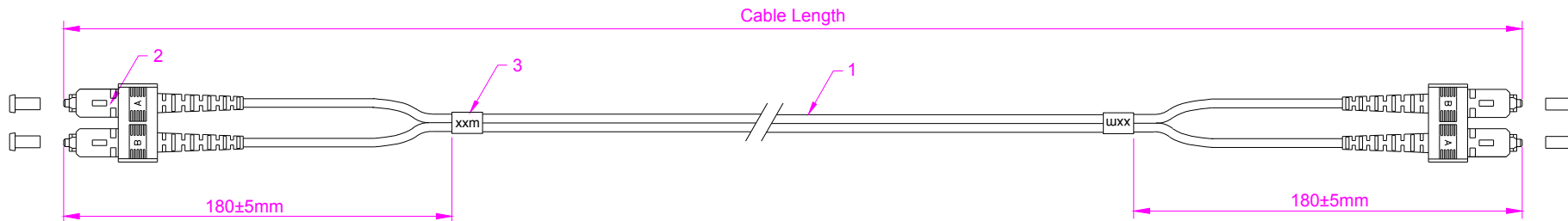


| REV | MODIFICATION | UPDATE DATE | SIGNATURE |
|-----|--------------|-------------|-----------|
| | | | |
| | | | |
| | | | |



Technical requirements:

1. Performance requirements:

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

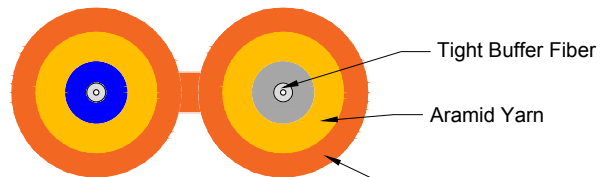
Return loss: $RL \geq 35\text{dB}$

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% |

| Requirements Of Cable | | | | | |
|-----------------------|------------|-------------|-------------------|-----------------------|-------------|
| Cable Type | | | | Fiber Type | OM2 |
| Cable Diameter | 2.0mm | | | @850nm < 3.5dB/km | |
| Cable Material | PVC | Attenuation | | @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 | |
| | Dynamic | 50D | | -20 ~ +60 | |
| | | | | Operating Temperature | |
| | | | | -20 ~ +60 | |

| ITEM | QTY | P/N | SPECIFICATIONS | | |
|------|-----|-----|---|--|--|
| 3 | 2 | | Cable Label | | |
| 2 | 2 | | 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 | | |

| | | | | | | | | | |
|--|-------|-------------------|----------|------------|--|--|--------|-------------|-----|
| | DRAW | Taylor Scott | DATE | 18-08-2021 | TITLE: Fiber Optic Patch Cord SC/UPC-SC/UPC Duplex 2.0mm OM2 Multimode | | | | |
| | CHECK | <i>Lihuanhuan</i> | APPROVED | | CUSTOMER NO | | DWG NO | FJ5SCSC-XXM | REV |