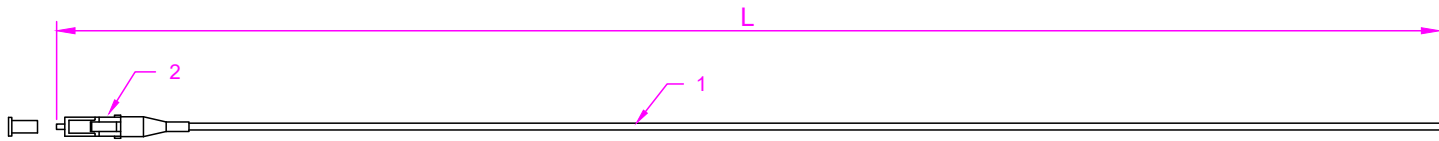


| | | | |
|-----|--------------|-------------|-----------|
| REV | MODIFICATION | UPDATE DATE | SIGNATURE |
| | | | |



Technical requirements:

1.Performance requirements:

Insertion loss: $IL \leq 0.2dB$

Return loss: $RL \geq 60dB$

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 |
| 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 | 0.9mm | Attenuation | @1310nm ≤0.4dB/km | | |
| Cable Material | PVC | | @1550nm ≤0.3dB/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℃ ~ +70℃ |
| | Dynamic | 5.0mm | | Operating Temperature | -20℃ ~ +70℃ |

| | | |
|---|-----|---|
| 2 | 1 | LC/APC SM 0.9mm Simplex Connector(Green Housing Green Boot) |
| 1 | A/R | Ø:0.9mm ,Singlemode 9/125 G657A1,Tight Buffer,Simplex,Fiber Optic Cable,PVC,Color:White |

| ITEM | QTY | P/N | SPECIFICATIONS |
|------|-----|-----|----------------|
|------|-----|-----|----------------|

| | | | | | | | | | |
|---|-------|------------------|----------|------------|--|--|--------|---------------------|-----|
|  | DRAW | Zack Martin | DATE | 12-08-2021 | TITLE: Pigtail LC/APC Simplex 0.9mm Singlemode | | | | |
| | CHECK | <i>Whuanhuan</i> | APPROVED | | CUSTOMER NO | | DWG NO | FJ9LCAX-XXM-SIM-900 | REV |