

**PRODUCT SPECIFICATION****PAGE 1/2**

|                                                           |                                     |                                                |
|-----------------------------------------------------------|-------------------------------------|------------------------------------------------|
| <b>TITLE</b><br><br><b>0.9mm FC Optical Fiber Pigtail</b> | <b>DOC No. RFD- 20250314100-011</b> |                                                |
|                                                           | <b>REVISION :</b><br><b>01</b>      | <b>AUTHORIZED BY :</b><br><b>Justina Liu</b>   |
|                                                           | <b>DATE :</b><br><b>2025.03.14</b>  | <b>CLASSIFICATION :</b><br><b>Optics Cable</b> |

**1. Feature**

- 1/2/4/8/12/24 Fiber counts are available
- OS2/OM1/OM2/OM3/OM4/OM5 Fiber types are available
- 900um LSZH/PVC/Hytrel Jacket types are available
- ROHS compliant
- IEC61300/IEC61753/TIA455/IEC60793/IEC60794/IEC61755 compliant

**2. APPLICATIONS**

- CATV
- Telecommunication networks
- Active device termination
- Video
- Local Area Networks (LANs)
- Data processing networks
- Test equipment
- Premise installations
- Wide Area Networks (WANs)

|                                                    |                                    |                                         |
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### 3. SPECIFICATIONS

| Item                  | Specification                       |                                     |
|-----------------------|-------------------------------------|-------------------------------------|
|                       | Single Mode                         | Multimode                           |
| Insertion Loss        | ≤0.3dB                              | ≤0.3dB                              |
| Return Loss           | ≥50dB(UPC), ≥60dB(APC)              | ≥30dB                               |
| Repeatability         | ≤0.2                                | ≤0.2                                |
| Durability            | ≤0.2 dB typical change, 500 matings | ≤0.2 dB typical change, 500 matings |
| Interchangeability    | ≤0.2dB                              | ≤0.2dB                              |
| Tensile Strength      | >10N                                | >10N                                |
| Operating Temperature | -20°C ~ 70°C                        | -20°C ~ 70°C                        |