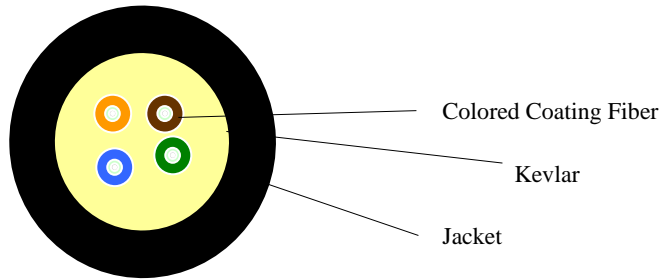


## 4-fiber Mini-core Cable

### Profile View



### Fiber Parameters

### Cable Parameters

| No. | Items                                |                            | Unit  | Specification            |
|-----|--------------------------------------|----------------------------|-------|--------------------------|
|     |                                      |                            |       | G.657A2                  |
| 1   | Mode Field Diameter                  | 1310nm                     | μm    | 8.8±0.4                  |
|     |                                      | 1550nm                     | μm    | 9.8±0.5                  |
| 2   | Cladding Diameter                    |                            | μm    | 124.8±0.7                |
| 3   | Cladding Non-Circularity             |                            | %     | ≤0.7                     |
| 4   | Core-Cladding Concentricity Error    |                            | μm    | ≤0.5                     |
| 5   | Coating Diameter                     |                            | μm    | 245±5                    |
| 6   | Coating Non-Circularity              |                            | %     | ≤6.0                     |
| 7   | Cladding-Coating Concentricity Error |                            | μm    | ≤12.0                    |
| 8   | Cable Cutoff Wavelength              |                            | nm    | $\lambda_{cc} \leq 1260$ |
| 9   | Attenuation(max.)                    | 1310nm                     | dB/km | ≤0.35                    |
|     |                                      | 1550nm                     | dB/km | ≤0.21                    |
| 10  | Macro-Bending Loss                   | 1turn×7.5mm radius @1550nm | dB    | ≤0.5                     |
|     |                                      | 1turn×7.5mm radius @1625nm | dB    | ≤1.0                     |

| Items                 |           | Specifications          |
|-----------------------|-----------|-------------------------|
| Fiber Count           |           | 4                       |
| Colored Coating Fiber | Dimension | 250±15μm                |
|                       | Color     | Blue、Orange、Green、Brown |
| Strength Member       |           | Kevlar                  |
| Jacket                | Dimension | 3.0±0.1mm               |
|                       | Material  | LSZH                    |
|                       | Color     | 黑 Black                 |

## **Mechanical and Environmental Characteristics**

| Items                      | Unite  | Specifications |
|----------------------------|--------|----------------|
| Tension (Long Term)        | N      | 60             |
| Tension (Short Term)       | N      | 100            |
| Crush (Long Term)          | N/10cm | 100            |
| Crush (Short Term)         | N/10cm | 200            |
| Min. Bend Radius (Dynamic) | mm     | 20D            |
| Min. Bend Radius (Static)  | mm     | 10D            |
| Installation Temperature   | °C     | 0~+50          |
| Operating Temperature      | °C     | -20~+60        |
| Storage Temperature        | °C     | -20~+60        |