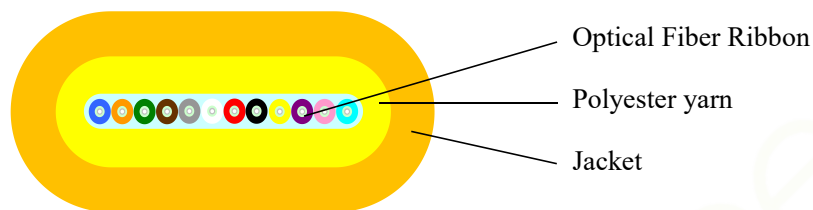




## Indoor Flat Ribbon Fiber Optic Cable GJDFJV 12

### Colorful Fibers 4 8 Cores SM MM LSZH

#### Profile View



| 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    | 125±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    | ≤0.2                     |
|     |                                      | 1turn×7.5mm radius @1625nm | dB    | ≤0.5                     |

#### Fiber Parameters



## Cable Parameters

| Items                |           | Specifications                   |                                  |                                  |
|----------------------|-----------|----------------------------------|----------------------------------|----------------------------------|
| Fiber Count          |           | 4                                | 8                                | 12                               |
| Optical Fiber Ribbon | Width     | $\leq 1.22\text{mm}$             | $\leq 2.3\text{mm}$              | $\leq 3.4\text{mm}$              |
|                      | Thickness | $\leq 0.4\text{mm}$              | $\leq 0.4\text{mm}$              | $\leq 0.4\text{mm}$              |
| Strength Member      |           | Polyester yarn                   |                                  |                                  |
| Jacket               | Dimension | $(2.2\pm 0.2)\times(3.3\pm 0.2)$ | $(2.2\pm 0.2)\times(4.0\pm 0.2)$ | $(2.2\pm 0.2)\times(5.0\pm 0.2)$ |
|                      | Material  | PVC                              |                                  |                                  |
|                      | Color     | Yellow                           |                                  |                                  |

## Mechanical and Environmental Characteristics

| Items                      | Unite  | Specifications |
|----------------------------|--------|----------------|
| Crush (Long Term)          | N/10cm | 200            |
| Crush (Short Term)         | N/10cm | 500            |
| Min. Bend Radius (Dynamic) | mm     | 50             |
| Min. Bend Radius (Static)  | mm     | 30             |
| Operating Temperature      | °C     | -20~+60        |
| Storage Temperature        | °C     | -20~+60        |