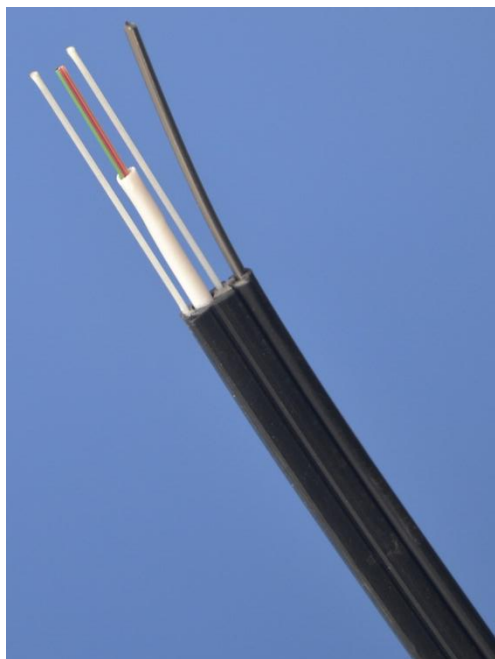




### Features:

- G.652D
- Self Supporting Steel
- Light Armoured Loose Tube
- FRP Strength Member
- LSZH Material
- Flexible
- Suitable for Indoor / Outdoor
- Packaging 500 or 1000 Meters

| CABLE PARAMETERS                       |                                                                                   |
|----------------------------------------|-----------------------------------------------------------------------------------|
| Colored Coating Fiber:                 |                                                                                   |
| Fiber Count                            | 12                                                                                |
| Dimension (μm)                         | 250 ± 15                                                                          |
| Color                                  | Blue, Orange, Green, Brown, Grey, White, Red, Black, (Yellow, Purple, Pink, Aqua) |
| Strength Member:                       |                                                                                   |
| Dimension (mm)                         | 0.5                                                                               |
| Material                               | FRP                                                                               |
| Self Supporting Memeber:               |                                                                                   |
| Dimension (mm)                         | 1.0                                                                               |
| Material                               | Steel                                                                             |
| Jacket:                                |                                                                                   |
| Dimension (mm)                         | 6.0 ± 0.2 mm x 2.8 ± 0.1 mm                                                       |
| Material                               | LSZH                                                                              |
| Color                                  | Black                                                                             |
| FIBER PARAMETERS:                      |                                                                                   |
| Mode Field Diameter (μm)               |                                                                                   |
| 1310nm                                 | 9.2 ± 0.4                                                                         |
| 1550nm                                 | 10.4 ± 0.5                                                                        |
| Cladding Diameter (μm)                 | 124.8 ± 0.7                                                                       |
| Cladding Non-Circularity (%)           | ≤ 0.7                                                                             |
| Core-Cladding Concentricity Error (μm) | ≤ 0.5                                                                             |
| Coating Diameter (μm)                  | 245 ± 5                                                                           |
| Coating Non-Circularity (%)            | ≤ 6.0                                                                             |
| Cladding-Coating Concentricity (μm)    | ≤ 12.0                                                                            |
| Cable Cutoff Wavelength (nm)           | $\lambda_{cc} \leq 1260$                                                          |
| Attenuation (db/km)                    |                                                                                   |
| 1310nm (max)                           | ≤ 0.36                                                                            |
| 1550nm (max)                           | ≤ 0.25                                                                            |

## FIBER OPTIC CABLE

12 Core SM Indoor / Outdoor Fiber Optic Cable

Part # : 7112

### CHARACTERISTICS

|                            |               |
|----------------------------|---------------|
| Tension (Long Term)        | 300 N         |
| Tension (Short Term)       | 600 N         |
| Crush (Long Term)          | 500 N/10cm    |
| Crush (ShortTerm)          | 1000 N/10cm   |
| Min. Bend Radius (Dynamic) | 20D mm        |
| Min. Bend Radius (Static)  | 10D mm        |
| Installation Temperature   | -20°C ~ +60°C |
| Operating Temperature      | -40°C ~ +70°C |
| Storage Temperature        | -40°C ~ +70°C |

### Design:

