**24 Core SM Indoor / Outdoor Fiber Optic Cable**                    **Part # 7124**

| CABLE PARAMETERS | |
|---|---|
| **Colored Coating Fiber:** | |
| **Fiber Count** | 24 |
| **Dimension (µm)** | 250 ± 15 |
| **Color** | Blue, Orange, Green, Brown, Grey, White, Red, Black, (Yellow, Purple, Pink, Aqua, 12 x Black Strip) |
| **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** **1550nm** | 9.2 ± 0.4 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)** **1550nm (max)** | ≤ 0.36 ≤ 0.25 |

**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

**24 Core SM Indoor / Outdoor Fiber Optic Cable**                    **Part # 7124**

| 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 Temprature | **-20$^o$C ~ +60$^o$C** |
| Operating Temprature | **-40$^o$C ~ +70$^o$C** |
| Storage Temprature | **-40$^o$C ~ +70$^o$C** |

**Design:**



Self-supporting Steel    Outer Jacket    Colored Coating Fiber    LSZH Mini Tube    Selective Kevlar    Steel or FRI