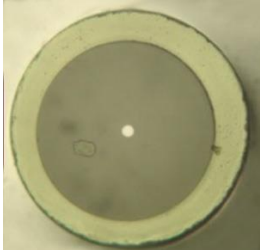




Discover our range of **standard ZFG singlemode fibers** :



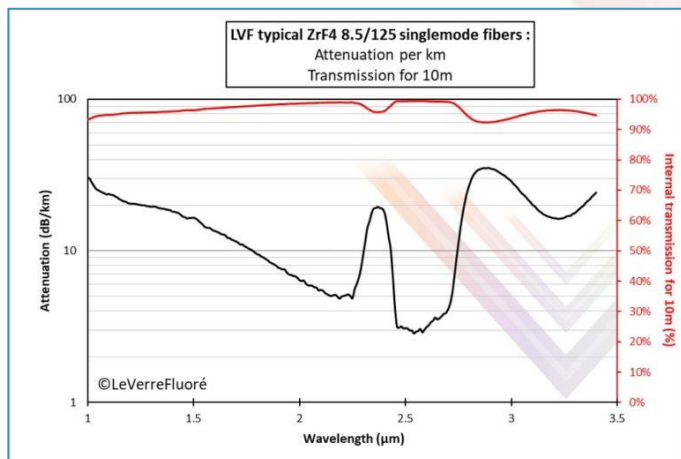
Specifications

| | |
|-------------------------------------|---------------------|
| Typical background loss | < 10 dB/km |
| Fresnel loss (backwards reflection) | 4% per face (air) |
| Coating material | UV curable acrylate |
| Operating temperature | - 180 to 150 °C |

| Standard fiber | Core/clad diameter | Numerical aperture | Cutoff wavelength | Operating wavelength | Short term bend radius | Long term bend radius |
|-----------------------|-----------------------|--------------------|--------------------|------------------------|------------------------|-----------------------|
| ZFG SM [1.95] 6.5/125 | 6.5/125 μm | 0.23 | 1.95 μm | 0.3-3.90 μm | ≥ 15 mm | ≥ 45 mm |
| ZFG SM [2.55] 8.5/125 | 8.5/125 μm | 0.23 | 2.55 μm | 0.3-4.5 μm | ≥ 15 mm | ≥ 45 mm |
| ZFG SM [2.2] 14/250 | 14/250 μm | 0.125 | 2.3 μm | 0.3-4.0 μm | ≥ 25 mm | ≥ 75 mm |

*All our fibers are available as **fiber patch cables** or **fiber bundles**
LVF proposes **mid-IR screened fibers** and **endcaps solutions***

Typical attenuation



CUSTOMIZE your own fiber



- Custom cut-off
- Custom NA (0.04 to 0.35)
- Custom core size (from 2 μm diameter)

