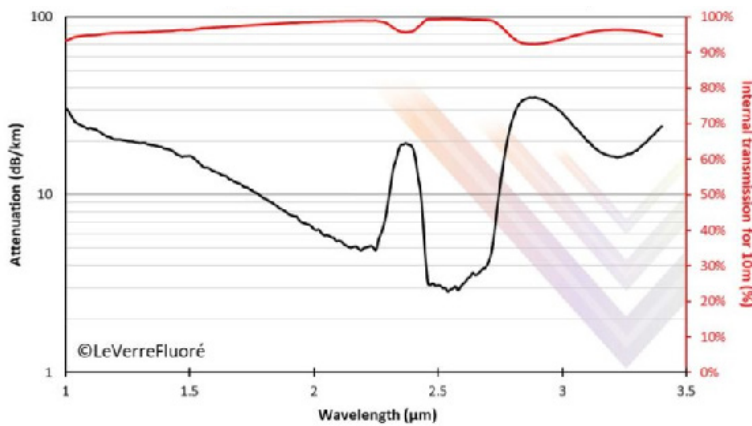


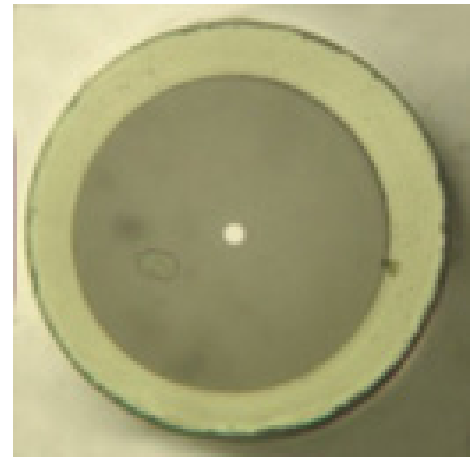


Specifications of Single Mode ZFG fibers

Typical Background Loss	< 10 dB/km
Fresnel Loss (Backwards Reflection)	4% per face (air)
Coating Material	UV curable acrylate
Operating Temperature	-180°C to 150°C
Customization	Custom cut-off Custom NA (0.06 - 0.35) Custom core size (from 1 μm diameter)



LVF typical ZrF4 8.5/125 single mode fibers:
Attenuation per km
Transmission for 10m

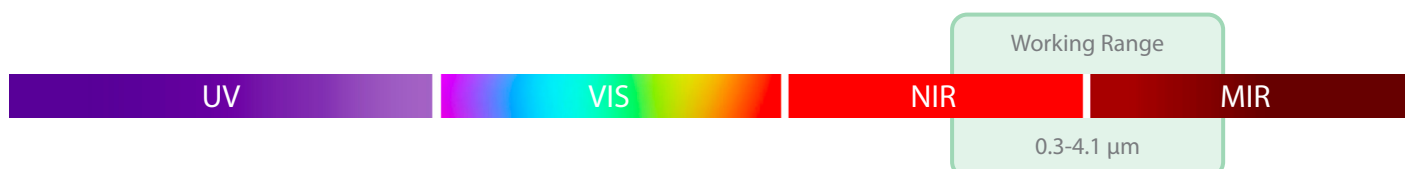


Single mode ZFG fiber cross-section

Parameters of Single Mode ZFG Fibers

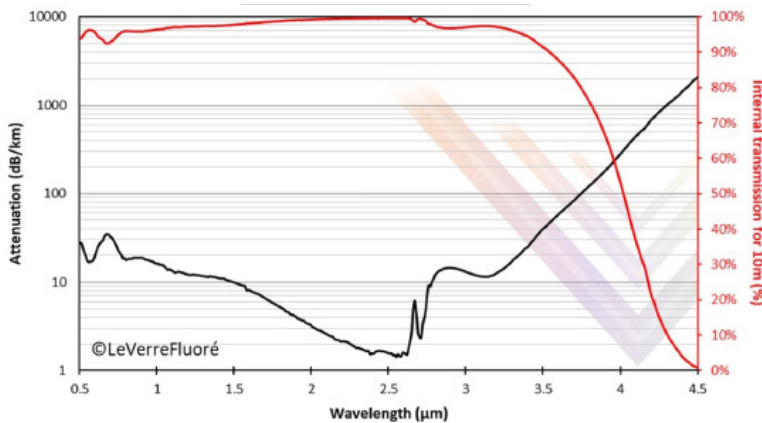
Standard Fiber	Core/Clad Diameter	Numerical Aperature	Cutoff Wavelength	Operating Wavelength	Short Term Bend Radius	Long Term Bend Radius
ZFG SM [1.95] 6.5/125	6.5/125 μm	0.23	1.95 μm	0.3-3.90 μm	≥ 15mm	≥ 45mm
ZFG SM [2.55] 8.5/125	8.5/125 μm	0.23	2.55 μm	0.3-4.5 μm	≥ 15mm	≥ 45mm
ZFG SM [2.2] 7.5/150	7.5/150 μm	0.23	2.2 μm	0.3-4.0 μm	≥ 15mm	≥ 45mm
ZFG SM [2.3] 14/250	14/250 μm	0.125	2.3 μm	0.3-4.1 μm	≥ 25mm	≥ 75mm

All fibers are available as fiber patch cables or fiber bundles

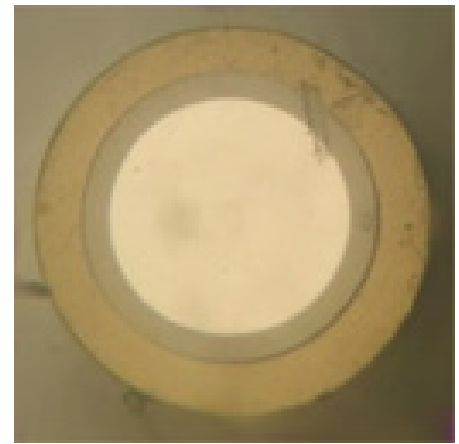


Specifications of Multi Mode ZFG fibers

Operating Wavelength	0.3-4.5 μm
Typical Optical Loss at 2.5 μm	< 10 dB/km
Fresnel Loss (Backwards Reflection)	4% per face (air)
Coating Material	UV curable acrylate
Operating Temperature	-180°C to 150°C
Customization	Custom NA (0.12 - 0.30) Custom core/cladding size (up to 1mm core diameter)



LVF typical ZrF4 multimode fibers:
Attenuation per km
Transmission for 10m



Multi mode ZFG fiber cross-section

Parameters of Multi Mode ZFG Fibers

Standard Fiber	Core/Clad Diameter	Numerical Aperture	Short Term Bend Radius	Long Term Bend Radius
ZFG MM [0.15] 90/150	90/150 μm	0.15	≥ 15 mm	≥ 45 mm
ZFG MM [0.20] 100/160	100/160 μm	0.20	≥ 15 mm	≥ 45 mm
ZFG MM [0.20] 200/260	200/260 μm	0.20	≥ 25 mm	≥ 75 mm
ZFG MM [0.20] 300/360	300/360 μm	0.20	≥ 35 mm	≥ 100 mm
ZFG MM [0.20] 400/460	400/460 μm	0.20	≥ 45 mm	≥ 120 mm
ZFG MM [0.20] 600/680	600/680 μm	0.20	≥ 70 mm	≥ 150 mm

All fibers are available as fiber patch cables or fiber bundles

