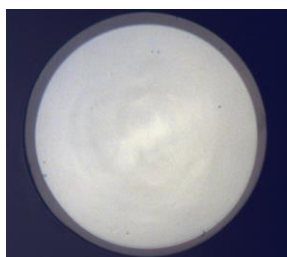




Discover our range of **standard GeG multimode fibers**:

LVF offers a new range of germanate GeO₂ multimode fibers that exhibit a **high power handling** and **chemical stability** around **2.7-3.0 μm**. These are the fibers of choice for **Er:YAG /Er:YSGG** laser power handling and pigtailing.

Specifications

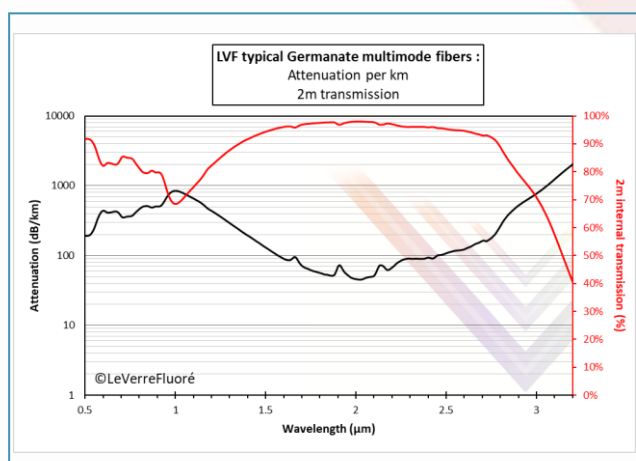


Operating wavelength	2 μm – 3 μm
Typical optical losses	< 60 dB/km @ 2.1 μm < 300 dB/km @ 2.78 μm < 700 dB/km @ 2.94 μm
Fresnel loss (backwards reflection)	8.6% per face (air)
Coatings materials	Polyimide + hytrel
Typical pulse energy handling	600 mJ @ 2.78 μm
Operating temperature	– 180 to 150 °C

Standard fiber	Core/clad diameter	Numerical aperture	Short term bend radius	Long term bend radius	Price/m
GeG MM (0.18) 200/260 *	200/260 μm	0.18	≥ 25 mm	≥ 75 mm	180 €
GeG MM (0.18) 450/500	450/500 μm	0.18	≥ 50 mm	≥ 130 mm	660 €
GeG MM (0.18) 600/680 *	600/680 μm	0.18	≥ 70 mm	≥ 150 mm	1080 €

* Available soon

Typical attenuation



CUSTOMIZE your own fiber



- Custom core /cladding size
- Laser qualification on request

