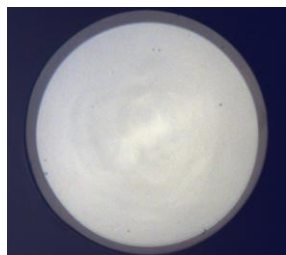




## Discover our range of **standard GeG multimode fibers**:

LVF offers a new range of germanate GeO<sub>2</sub> 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,Cr:YSGG laser** power handling and pigtailing.

### Specifications

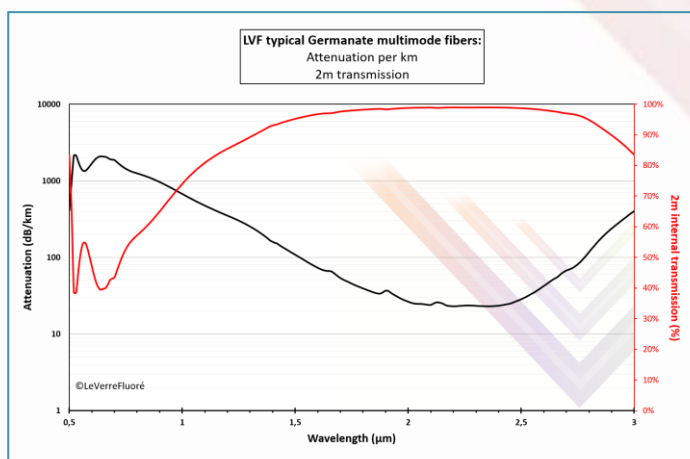


<b>Operating wavelength</b>	2 μm – 3 μm
<b>Typical optical losses</b>	< 50 dB/km background losses < 150 dB/km @ 2.78 μm < 350 dB/km @ 2.94 μm
<b>Fresnel loss (backwards reflection)</b>	8.6% per face (air)
<b>Coatings materials</b>	Polyimide + hytrel
<b>Typical pulse energy handling</b>	600 mJ @ 2.78 μm
<b>Operating temperature</b>	- 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
- Patch cable option (SMA connectors)

