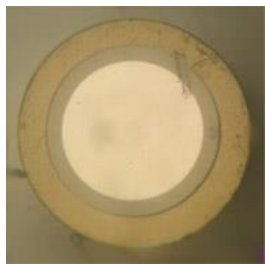




## Discover our range of **standard IFG multimode fibers** :



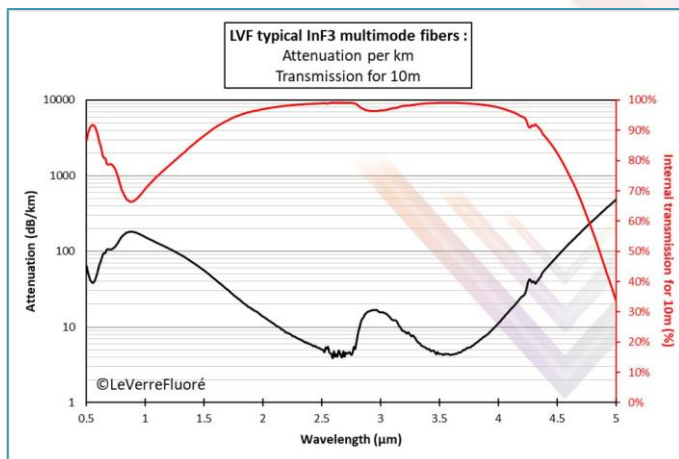
### Specifications

Operating wavelength	0.3 – 5.5 $\mu\text{m}$
Typical optical loss @ 3.5 $\mu\text{m}$	< 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	Short term bend radius	Long term bend radius
IFG MM (0.20) 100/160	100/160 $\mu\text{m}$	0.20	$\geq 15$ mm	$\geq 45$ mm
IFG MM (0.30) 130/200	130/200 $\mu\text{m}$	0.30	$\geq 15$ mm	$\geq 45$ mm
IFG MM (0.20) 200/260	200/260 $\mu\text{m}$	0.20	$\geq 25$ mm	$\geq 75$ mm
IFG MM (0.20) 300/360	300/360 $\mu\text{m}$	0.20	$\geq 40$ mm	$\geq 100$ mm
IFG MM (0.20) 400/460	400/460 $\mu\text{m}$	0.20	$\geq 55$ mm	$\geq 120$ mm
IFG MM (0.20) 600/680	600/680 $\mu\text{m}$	0.20	$\geq 90$ mm	$\geq 150$ 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 NA (from 0.15 to 0.30)
- Custom core/cladding size (from 50 to 1000  $\mu\text{m}$  core diameter)

