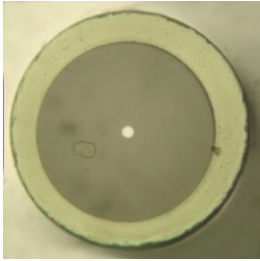




## Discover our range of **standard IFG single mode fibers**:



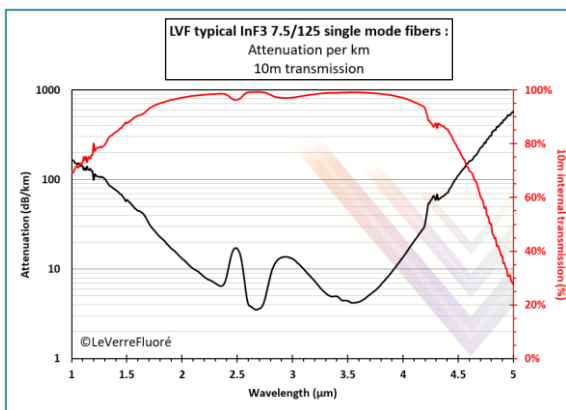
### Specifications

Typical background loss	< 30 dB/km
Fresnel loss (backwards reflection)	4% per face (air)
Coating material	UV curable acrylate
Operating temperature	- 180 to 150 °C

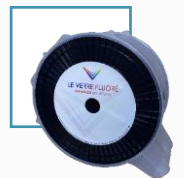
Standard fiber	Core/clad diameter	Numerical aperture	Cutoff wavelength	Operating wavelength	Short term bend radius	Long term bend radius	Price/m
IFG SM [2.95] 7.5/125	7.5/125 $\mu\text{m}$	0.30	2.95 $\mu\text{m}$	0.3-5.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm	200 €
IFG SM [3.3] 8.5/125	8.5/125 $\mu\text{m}$	0.30	3.3 $\mu\text{m}$	0.3-5.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm	200 €
IFG SM [3.7] 9.5/125	9.5/125 $\mu\text{m}$	0.30	3.7 $\mu\text{m}$	0.3-5.5 $\mu\text{m}$	$\geq 15$ mm	$\geq 45$ mm	200 €

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

## Typical attenuation



## CUSTOMIZE your own fiber



- Custom cut-off
- Custom NA (0.18 to 0.32)
- Custom core size (from 1  $\mu\text{m}$  diameter)

