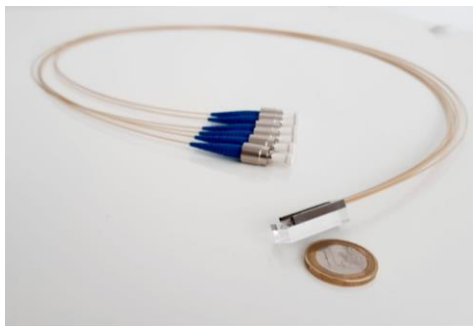




Discover our range of **fiber bundles and probes**:

Any passive or active fiber manufactured by LfV can be wired.



Fiber bundles and backscatter probes main features

Fiber content	Up to hundreds
Fiber arrangement	Linear, round, square...., coherent or not
Connector	SMA 905, FC/PC, FC/APC, Diamond, custom
Protective standard tubing	Hytrek (diameter: 0.9 mm), Kevlar (diameter: 4 mm), Stainless steel jacket (diameter: 7 mm), Peek jacket (diameter: 0.9 mm)

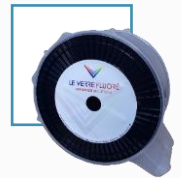
Applications

- Splitting light source into several channels
- Combining light from several sources
- Light illumination & Detection channels (backscatter probes)
- Qualified for **harsh environment**
- Qualified for **industrial use**



LfV proposes also IR screened fibers and endcaps solutions for mid-IR high power handling.

CUSTOMIZE your own fiber



Multimode fiber

- Custom NA: from 0.12 to 0.30 (ZFG)
from 0.18 to 0.32 (IFG)
- Custom core/cladding size: up to 1000 μm core diameter

Single mode fiber

- Custom cut-off
- Custom NA: from 0.06 to 0.35 (ZFG)
from 0.18 to 0.32 (IFG)
- Custom core size: from 1 μm diameter

