



Product line **PERFES**

Our extensive expertise allows an easy integration of our specialty optical fibres into the customer system to maximize performance and reliability.

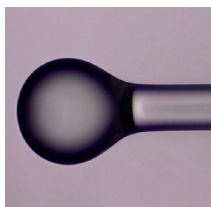
MAIN CHARACTERISTICS

- Feasibility study starting from your application need
- Custom design from our silica fibres or your soft glass fibre
- Fully tested prototype
- Small-scale manufacturing of passive/active module

APPLICATIONS

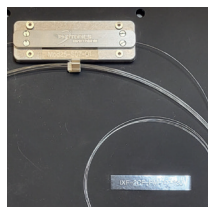
- Material processing, life science, spectroscopy, telecom or sensing applications

Fibre End-Facing



- End-cap
- Microsphere / Ball-lens

Fibre Splicing



- Complex splicing of PCF
- Mode Field Adapter

Fibre Combining



- Multicore Fan-in / Fan-out
- Pump combiner

Fibre Tapering



- From few mm to draw-tower taper
- Micro-taper

OUR EQUIPMENT



Electrode Station



Filament Station



CO₂ Laser Station

Multiple options and configurations are available. Please contact Photonics Bretagne to find the best fit.
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