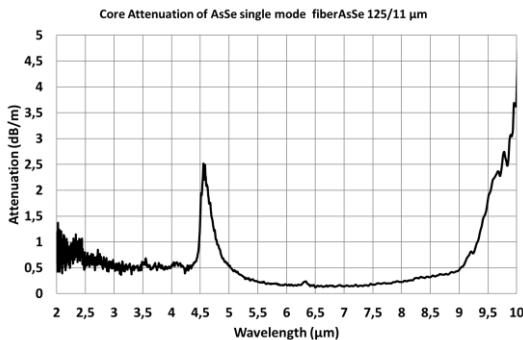


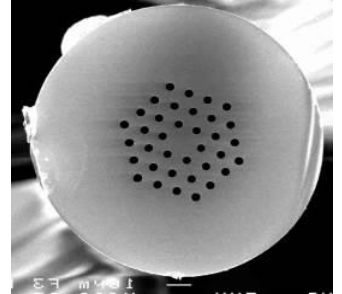
General Products Description

SelenOptics produces a new generation of Mid Infrared Fibers

Single mode fiber:



- ✓ Single mode from 1,5 μm to 10 μm
- ✓ Excellent beam quality
- ✓ QCL Beam Delivery
- ✓ Supercontinuum generation
- ✓ Nonlinear effects

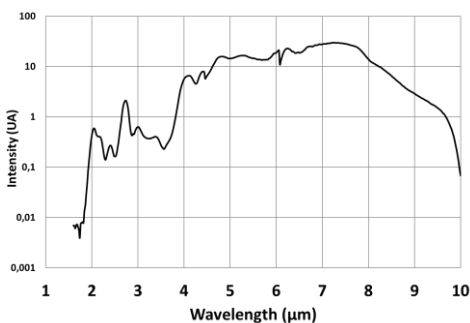


Reference	Glass	Core diameter	Cladding diameter	Coating	Wavelength range	Core/cladd offset	NA (calculated)	Zero dispersion wavelength
AsSe SM11	AsSe	11.5+/-0.3 μm	125 +/-2 μm	220 +/-20 μm	1,55-10 μm	<1.5 μm	0.15 @ 1.55 μm 0.45 @ 5 μm 0.75 @ 10 μm	$\approx$ 4.8 μm

Optical fiber cables:

- Connectors: FC/PC
- Length: up to 5 m

Supercontinuum source :

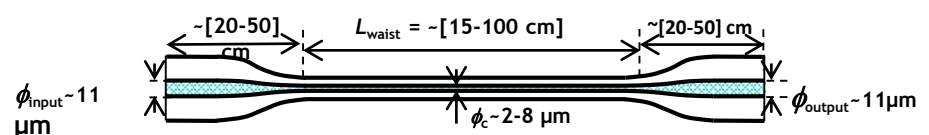
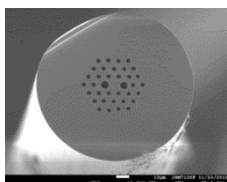


- Wavelength range: 2-10 μm
- Applications:
 - Mid IR Imaging
 - Spectroscopy

In collaboration with Le Verre Fluoré and Leukos



Customized fibers:



Polarization Maintaining fiber

Tapered Optical fiber

SelenOptics

Rennes, France

E-Mail: contact@selenoptics.com

www.selenoptics.com

Siret: 8135428700018-RCS Rennes-RM 35

