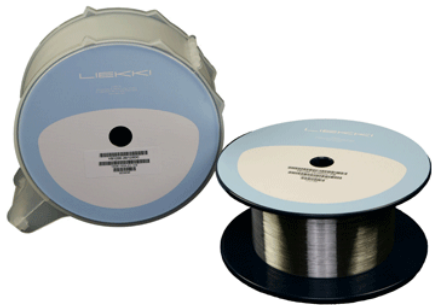


LIEKKI™ Yb2000-10/125

Large Mode Area Ytterbium Doped Fiber



LIEKKI™ Yb2000-10/125 fibers are highly doped highly photodarkening resistant fibers suitable for low-power amplifier or laser applications.

LIEKKI™ Yb2000-10/125 fibers are currently only available as double cladding (Yb2000-10/125DC) fibers.

Applications

- Low-power amplifiers, CW lasers

Features

- Very high photodarkening resistance
- Flat absorption profile enables use of 940 nm pumps

Typical device specification

LIEKKI™ Yb2000-10/125DC

Optical

Cladding absorption at 920 nm	dB/m	2.0 ± 0.4
Core numerical aperture		0.12 ± 0.02

Geometrical and mechanical

Core diameter	µm	10 ± 1.0
Core concentricity error	µm	< 1.5
Cladding diameter	µm	125 ± 2
Cladding geometry		Octagonal
Coating diameter	µm	245 ± 15
Coating material		Low index acrylate
Cladding numerical aperture		> 0.46
Proof test	kpsi	> 100

Notice

nLIGHT continually improves its products to provide its customers with outstanding quality and reliability. nLIGHT may make changes to specifications and product descriptions at any time, without notice. In addition, nLIGHT offers a limited warranty to ensure customer satisfaction. For complete details, please contact your nLIGHT sales representative.