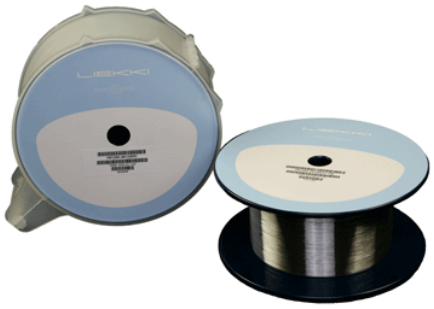
LIEKKI™ Yb2000-7/125

Large Mode Area Ytterbium Doped Fiber



LIEKKI™ Yb2000-7/125 fibers are highly doped, highly photodarkening resistant fibers suitable for low-power amplifier or laser applications.

LIEKKI™ Yb2000-7/125 fibers are currently only available as double cladding (Yb2000-7/125DC) 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™ Yb2000-7/125DC
Optical		
Cladding absorption at 920 nm	dB/m	1.0 ± 0.2
Core numerical aperture		0.19 ± 0.02
Geometrical and mechanical		
Core diameter	µm	7 ± 0.5
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

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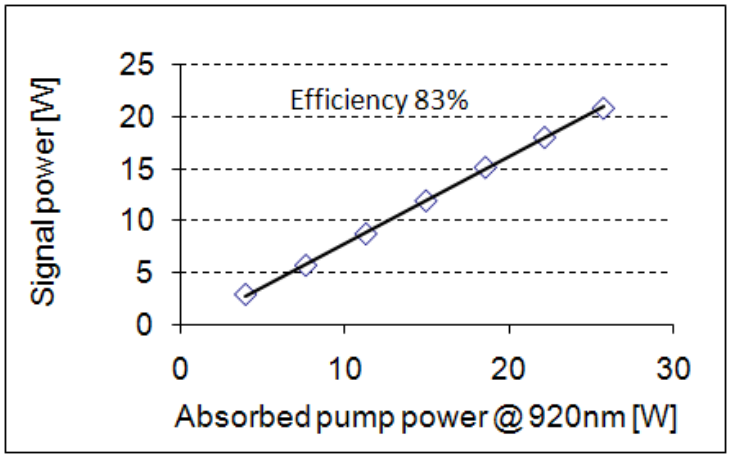
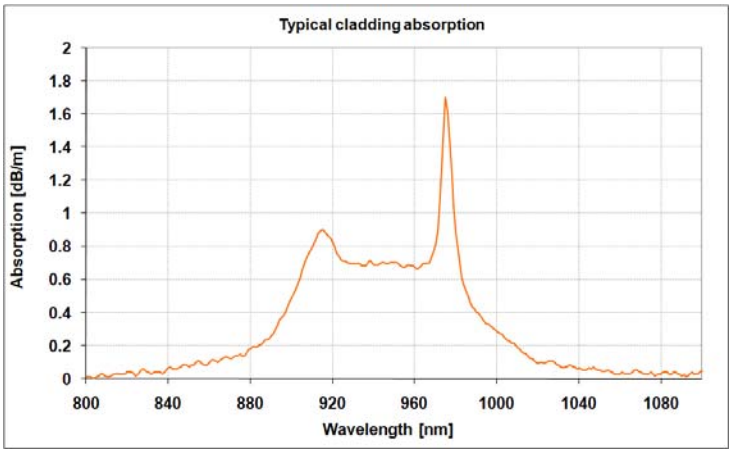
Typical performance data

Typical performance data for Yb2000-7/125DC





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