



LIEKKI™ Yb1200-12/125 fibers are highly doped fibers for medium power fiber laser and amplifier applications. The combination of high cladding absorption and single mode core makes them ideal for compact fiber based power amplifiers.

LIEKKI™ Yb1200-12/125 fibers are currently only available as double cladding (Yb1200-12/125DC) fibers.

## Features

- High brightness single mode core
- Medium pump absorption
- Large, low NA core
- Low non-linear effects
- Low photodarkening
- Telecom-like geometry
- Multimode combiners available

## Applications

- Medium power amplifiers and lasers
- Pulsed and CW applications
- Industrial, medical and scientific applications

## Typical Device Performance

Package		LIEKKI™ Yb1200-12/125DC
<b>Optical</b>		
Peak Cladding Absorption at 976 nm (nominal)	dB/m	(11.1)
Cladding Absorption at 920 nm	dB/m	2.6 ± 0.7
Core Numerical Aperature		0.08 ± 0.01
<b>Geometrical and Mechanical</b>		
Core Diameter	µm	12.5 ± 1
Core Concentricity Error	µm	< 1.5
Cladding Diameter (flat-to-flat)	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

## Proven Performance

## Typical Performance Data

