



Features

- **Direct Nanoparticle Deposition:** Industry leading fiber deposition process
- **Performance:**
Good power conversion efficiency for medium power applications
Wide and flat spectrum
Suitable for both 980nm and 1480nm pumping
- **Reliability:** Telecom grade dual layer UV-cured acrylate coating
- **Compatibility:** Telecom-like geometry with good spliceability to standard single mode fibers (SMF-28)

Applications

- Medium power EDFA, DWDM, CATV and PON
- ASE sources
- Low power LIDAR

Typical Fiber Specifications

Fiber		LIEKKI® Er16-8/125
Optical	Units	
Mode Field Diameter at 1550 nm ⁽¹⁾	μm	9.5 ± 0.8
Peak Core Absorption at 1530 nm	dB/m	16.0 ± 3.0
Core Numerical Aperture (nominal)		0.13
Cut-off wavelength	nm	1250 ± 150
Geometrical and mechanical		
Core Concentricity Error, ≤	μm	0.7
Cladding Diameter	μm	125 ± 2
Cladding Geometry		Round
Coating Diameter		245 ± 15
Coating Material		Dual coated high index acrylate
Proof Test, ≥	kpsi	100

⁽¹⁾ Near-field Mode Field Diameter