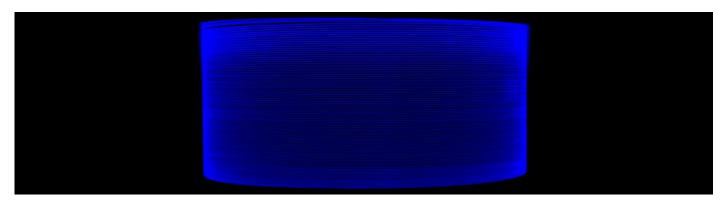
# **LIEKKI®**

## Large Mode Area Passive-14/250 Fibers



Features Applications

#### Compatibility:

realNA — most accurate fiber core NA for minimal splice loss Glass cladding diameter is designed to "fit-in" octagonal active fibers Fiber Bragg Gratings can be written into all large mode area passive fibers

#### · Reliability:

- Single cladding fibers feature a telecom grade dual layer high-index acrylate coating
- Double cladding fiber coating proven to operate up to 150°C and in extreme humidity
- Fiber-based components for fiber lasers (e.g. pump

combiners; FBGs)

- Pigtails for fiber lasers and amplifiers
- All-fiber subassemblies

### **Typical Fiber Specifications**

LIEKKI <sup>®</sup> Fiber		Passive-14/250	Passive-14/250DC
Optical	Units		
Core Numerical Aperture		0.070 ± 0.005	
Cladding Numerical Aperture, ≥		-	0.48
Core Background Loss at 1200 nm, ≤ dB/km		5.0	
Geometrical and mechanical			
Core Diameter	μm	14.0 ± 1	
Core Concentricity Error, ≤	μm	1.0	
Cladding Diameter	μm	250 ± 5	
Cladding Geometry		Round	
Coating Diameter	350 ± 15		
Coating Material		Dual coated high index acrylate	Dual coated low index acrylate
Proof Test, ≥	kpsi	100	

### Matched Yb-doped LIEKKI® Fiber

Yb1200-14/250DC

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