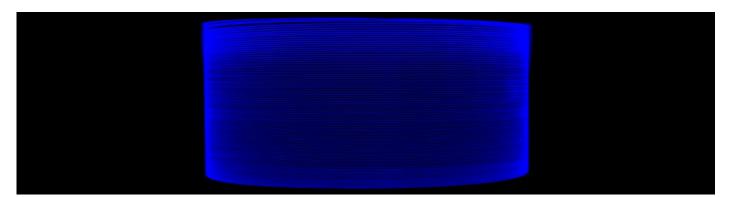
LIEKKI®

Large Mode Area Passive-20/250DC 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:
 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 [®] Fiber		Passive-20/250DC, 0.07NA	Passive-20/250DC
Optical	Units		
Core Numerical Aperture		0.070 ± 0.005	0.080 ± 0.005
Cladding Numerical Aperture, ≥		0.48	
Core Background Loss at 1200 nm, ≤ dB/km		5.0	
Geometrical and mechanical			
Core Diameter	μm	20.0 ± 1.5	
Core Concentricity Error, ≤	μm	1.0	
Cladding Diameter	μm	250 ± 5	
Cladding Geometry		Round	
Coating Diameter		350 ± 15	
Coating Material		Dual coated low index acrylate	
Proof Test, ≥	kpsi	100	

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