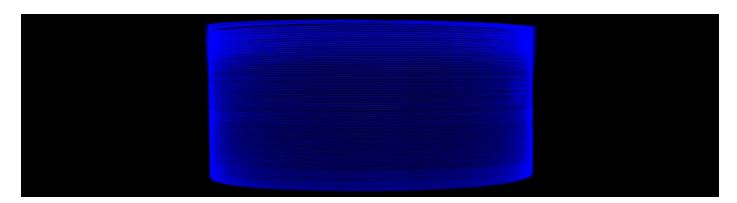


Passive-25/250, 0.065NA Fibers

Large Mode Area Passive Fiber



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 [®] Fiber		Passive-25/250-PM, 0.065NA	Passive-25/250DC-PM, 0.065NA
Optical	Units		
Core Numerical Aperture		0.065 ± 0.005	
Cladding Numerical Aperture, ≥		-	0.48
Core Background Loss at 1200 nm, ≤ dB/km		5.0	
Geometrical and mechanical			
Birefringence, ≥	1E-04	1.6	1.6
Core Diameter	μm	25.0 ± 1.5	
Core Concentricity Error, ≤	μm	1.0	
Cladding Diameter	μm	250 ± 3	250 ± 5
Cladding Geometry		Round, Panda	
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

Yb1200-25/250DC Yb1200-25/250DC-PM

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