



## Features

- **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

## Applications

- 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-15/250DC-PM
Optical	Units	
Core Numerical Aperture		0.070 ± 0.005
Cladding Numerical Aperture, ≥		0.48
Core Background Loss at 1200 nm, ≤ dB/km		15.0
Birefringence, ≥	1E-04	1.0
Geometrical and mechanical		
Core Diameter	µm	14.5 ± 1.0
Core Concentricity Error, ≤	µm	1.0
Cladding Diameter	µm	250.0 ± 5
Cladding Geometry		Round, Panda
Coating Diameter		350 ± 15
Coating Material		Dual coated low index acrylate
Proof Test, ≥	kpsi	100

## Matched Yb-doped LIEKKI® Fiber

Yb1200-15/250DC-PM

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