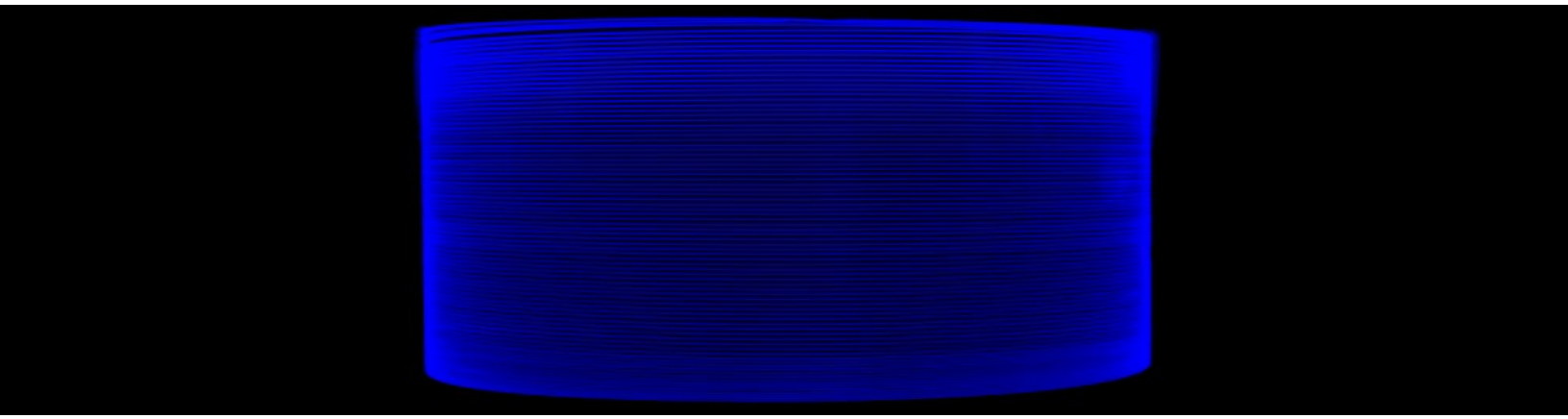
LIEKKI®

Coreless Passive Fibers



Features

- **Performance**:
  Round, silica cladding for easy cleaving, splicing and handling
  Double cladding fibers with a low-index fluoroacrylate coating
- **Reliability**: Coating proven to operate up to 150˚C and in extreme humidity.
- **Compatibility**: Matching with industry standard cladding geometries 125, 250, 400 and 480 µm

Applications

- Fiber end caps for fiber lasers and amplifiers
- Reduction of back reflections
- Prevention of fiber end facet damage in high-power applications

Typical Fiber Specifications

LIEKKI® Passive Fiber	Core diameter µm	Cladding diameter µm	Coating diameter µm	Cladding NA, ≥	Proof test, ≥ kpsi
Passive-125DC	-	125 ± 3	250 ± 15	0.48	100
Passive-250DC	-	250 ± 5	350 ± 15	0.48	100
Passive-400DC	-	400 ± 8	500 ± 15	0.48	50
Passive-480DC	-	480 ± 9	650 ± 15	0.48	50

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