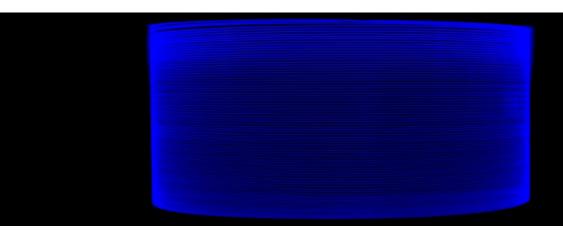


## **Coreless Passive Fibers**



## Features Applications

- 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
- 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 <sup>®</sup> Passive Fiber | Core diameter | Cladding diameter | Coating diameter | Cladding<br>NA, ≥ | Proof<br>test, ≥ |
|-----------------------------------|---------------|-------------------|------------------|-------------------|------------------|
|                                   | μm            | μm                | μm               |                   | 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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