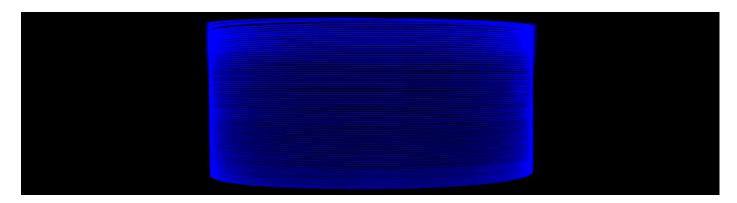


Passive-22/400DC

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:

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-22/400DC |
|------------------------------------|-------|--------------------------------|
| Optical | Units | |
| Mode Field Diameter at 1060nm (1) | | 18.0 ± 1.0 |
| Cladding Numerical Aperture, ≥ | | 0.48 |
| Core Background Loss at 1200 nm, ≤ | dB/km | 5.0 |
| Geometrical and mechanical | | |
| Core Concentricity Error, ≤ | μm | 1.2 |
| Cladding Diameter | μm | 400.0 ± 5 |
| Cladding Geometry | | Round |
| Coating Diameter | | 500 ± 15 |
| Coating Material | | Dual coated low index acrylate |
| Proof Test, ≥ | kpsi | 100 |

⁽¹⁾ Near-field Mode Field Diameter

Matched Yb-doped LIEKKI® Fiber

Yb800-22/400DC (HP)

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