

## Specification Sheet

### SHUTE Micro-structured Polymer Optical Fiber (mPOF)

#### SPECIFICATIONS

---

| Parameter                      | Value                        |                     |
|--------------------------------|------------------------------|---------------------|
| Material:                      | PMMA, PC, Zeonex, Topas, PSU |                     |
| Structure:                     | Hexagonal                    | 3-5 ring            |
| Fiber Diameter:                | 120-250 $\mu\text{m}$        | +/- 10%             |
| Pitch:                         | 4-10 $\mu\text{m}$           | +/- 1 $\mu\text{m}$ |
| Hole diameter:                 | 2-7 $\mu\text{m}$            | +/- 1 $\mu\text{m}$ |
| Core size:                     | 6-15 $\mu\text{m}$           | +/- 1 $\mu\text{m}$ |
| Optical attenuation @ 800 nm:  | ~3 dB/m                      |                     |
| Optical attenuation @ 1550 nm: | ~300 dB/m                    |                     |

