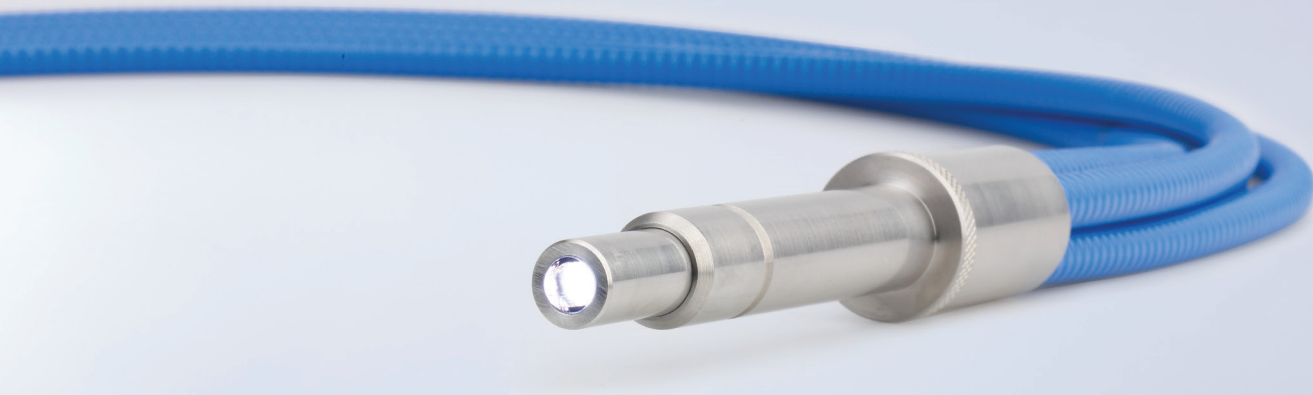


PowerLightGuide bundles

Fused end bundles



CeramOptec®'s fused-end PowerLightGuide bundles set the benchmark for consistently high long-term performance. The fusing process completely eliminates inter-fiber spaces and thus positions CeramOptec®'s PowerLightGuide bundles among the most sophisticated fiber bundles on the market. As the bundles do not rely on adhesive, they are resistant to temperatures of more than +600 °C, making them the first choice for demanding applications!

Wavelength

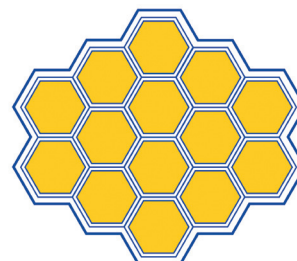
PowerLightGuides 190–2400 nm

Numerical aperture (NA)

Low	0,12 ± 0,02
Standard	0,22 ± 0,02
High	0,37 ± 0,02

Advantages

- High transmission
- No inter-fiber spaces
- Large active diameter
- Wide range of ready-to-use assemblies available
- Long service life
- Even distribution in multi-branch bundles
- High temperature resistance above +600 °C



Bundles made from end-fused fibers show no gaps between individual fibers, since the fibers attain a hexagonal shape during the fusing process.