

# Bare Fiber Tapered Bare Fiber

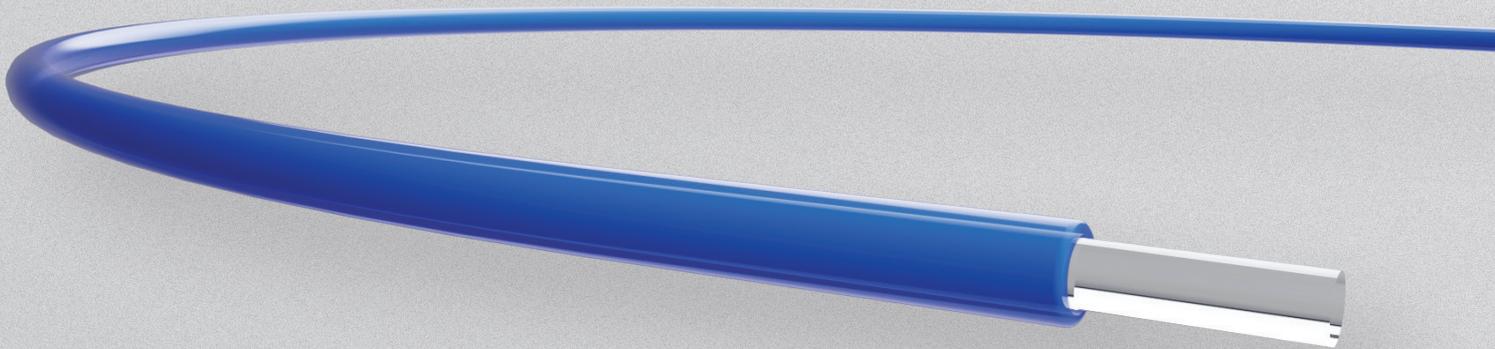
Urology

Gynecology

General Surgery

Lithotripsy

Full variety of fibers which are designed to different needs and applications.



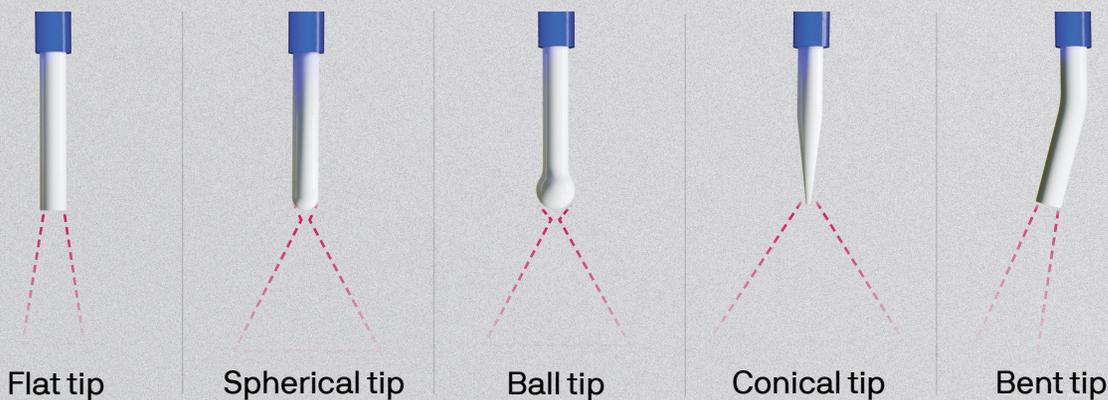
- Low and high power applications
- Large customization possibilities
- Bare Fiber for diode, Ho:YAG, Nd:YAG, and other lasers
- Reusable or disposable Bare Fiber



As market leader for Bare Fibers we can offer a full variety of fibers which are designed to fit different needs and applications. Our customer can choose between standard and tapered fibers.

Tapered Bare Fibers have the clear benefit to combine a larger fiber diameter on the laser connector side with a smaller and more flexible application side (distal end). Taper technology is technically feasible also for all other fiber types.

## Fiber tip variations



## Customization | Bare Fiber Tapered Bare Fiber

<b>Fiber type</b>	quartz / quartz, quartz / quartz / hard clad, quartz / hard clad
<b>Fiber coating</b>	polyimide, nylon, ETFE
<b>Numerical aperture</b>	0.22 up to 0.37 (others on request)
<b>Fiber core diameter</b>	e.g. 100 $\mu\text{m}$ up to 1000 $\mu\text{m}$ (others on request)
<b>Distal fiber tip</b>	flat tip, conical tip, ball tip, spherical tip, bent tip
<b>Wavelength</b>	200 nm up to 2200 nm
<b>Custom design</b>	according to customer's specification

## Lightguide in The World

Lightguide International | Livani, Latvia

Lightguide Germany | Meckenheim, Germany

Lightguide USA | San Jose, California, USA

Lightguide China | Pudong, Shanghai, P.R.C.