

CO2 Laser Fiber

Otolaryngology | Gynecology | Dermatology

High quality, flexible light guide for
CO2 lasers

- Available as medical device or bulk fiber
- Dual transmission of CO2 laser and aiming beam
- Customization possibilities for product design
- EO sterilization available



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CO2 laser fibers are a very versatile instrument for delivering CO2 laser power from the source to the treatment site on the patient and overcome the limitations of articulated arms and mirrors. CO2 laser fibers can be an alternative to the rigid systems in almost all medical applications. The use of CO2 laser fibers allows to reach hardly accessible targets in the human body more conveniently in practically all medical disciplines.

Lightguide's CO2 Laser Fibers are available as bulk fiber material or customer special assembly, with or without connector and optional sterilization and labeling. All patient-contacting materials are certified biocompatible.



Technical details

Fiber type	CO2.300	CO2.500	CO2.750
Inner diameter	300 μm	500 μm	750 μm
Outer diameter	500 μm	1040 μm	1300 μm
Straight loss dB/m	< 2.0	< 0.8	< 0.5
Wavelength	9.6 μm up to 10.6 μm (others on request)		