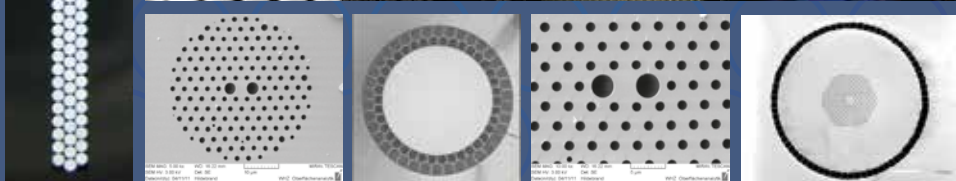
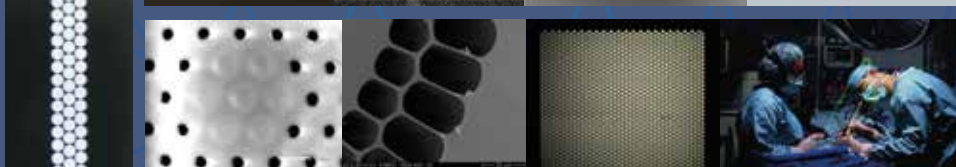
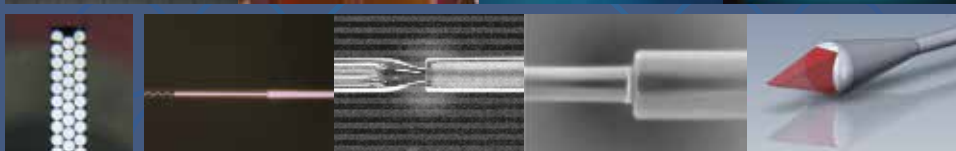




fiberware

Speciality fibers and cables



Contact information

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Company

Fiberware GmbH of Germany was formed as a small, specialist manufacturer of speciality fibers for many different, demanding applications which could not meet with the standard telecom fibers. The company was established in 1990 in Germany. Starting with drawing fibers only, we developed new fiber optic products.

Fiberware has two fiber drawing towers and three cable extrusion lines for fiber optics and fiber optic cable production. Likewise, fiberware has its own assembly department where the fiber and cable produced in-house can be assembled with a fiber optic connector. The customers of fiberware can be found in all areas of industry and medical technology where optical radiation has to be transported in an optical fiber. Typical users of our fiber optic products can be found in the industry in the field of optical measurement and sensor technology as well as laser technology. The fiber optic products manufactured by fiberware are further processed into medical products such as medical laser probes by the sister company advanced fiber tools.

Main products and services

- fibers (all silica optical waveguides for the spectral region between 200nm – 2200 nm)
- fiber cables (cable with integrated glass fiber for e.g. harsh environments)
- fiber optic assemblies (e.g. cross-section converters, fiber bundles, fiber couplers)
- capillaries
- hollow glass waveguides (waveguides for radiation transport in the MIR range)

Strengths

- Many years of experience in the field of fiber optic technology is probably the greatest strength of fiberware from which our customers can benefit.
- Fiberware produce the fibers in compliance with the EN ISO 13485 which qualifies the fibers for medical applications.
- Special waveguides; large mode area fibers (all silica fibers with diameters up to 2100 μm)
- Fiberware can offer waveguides with different coatings or coating systems
- “We master the technology to manufacture and fabricate microstructured waveguides.”

Products for the UK Market

- Large-Core-Fibers for flexible (diode-) laser beam delivery (core size between 1500 ... 2000 μm)
- Polyimide coated fibers for e.g. sensing applications
- Hollow glass waveguides for sensing applications