




Fiber

The broad spectrum of products includes three different types of fibers based on: silica glass, Chalcogenide InfraRed glasses of As-S and As-Se-Te compositions (CHALCOGENIDE INFRARED GLASSES - fibers), and Polycrystalline InfraRed Silver Halide fibers (POLYCRYSTALLINE INFRARED - fibers). Wavelength supplies Polymer fiber cables and bundles for different applications, from side glowing and end fiber illumination to various fiber sensors.

Fiber probes of different designs and coherent fiber bundles provide optimal solution for remote process spectroscopy in the 0.2µm -18µm spectral range - when assembled with Silica, CHALCOGENIDE INFRARED and POLYCRYSTALLINE INFRARED Fibers.

POLYCRYSTALLINE INFRARED - and CHALCOGENIDE INFRARED - fiber pig-tailing of IR-detectors and IR-emitters expands their applications range substantially as they provide a platform for the new generation of flexible IR-fiber systems - from IR-fiber spectrometers and process-photometers to cost effective IR-fiber sensors, flexible IR-endoscopes and multi-channel IR-imaging fiber systems.

Products	0.2-2.4 µm	2-6 µm	4-18 µm
 Fiber	<ul style="list-style-type: none"> Silica-Fibers UV-Fibers NIR-Fibers Metal Coated Graded-Index 	<ul style="list-style-type: none"> Chalcogenide InfraRed-Fiber Polycrystalline InfraRed- & Chalcogenide InfraRed-Fiber comparison 	<ul style="list-style-type: none"> Polycrystalline InfraRed-Fiber Polycrystalline InfraRed- & Chalcogenide InfraRed-Fiber comparison
 Industrial Cables	<ul style="list-style-type: none"> High Power (HP) Fiber Cables 		<ul style="list-style-type: none"> High Power (HP) cable for CO2-Laser power delivery
 Medical Fiber Products	<ul style="list-style-type: none"> Fiber Optical Tools for Therapy Fiber Optical Tools for Photodynamic Therapy Fiber Optical Tools for Surgery Intravenous Laser Irradiation of Blood Bladder Balloon Light Diffuser Gullet Balloon Light Diffuser Uterus balloon light diffuser 		