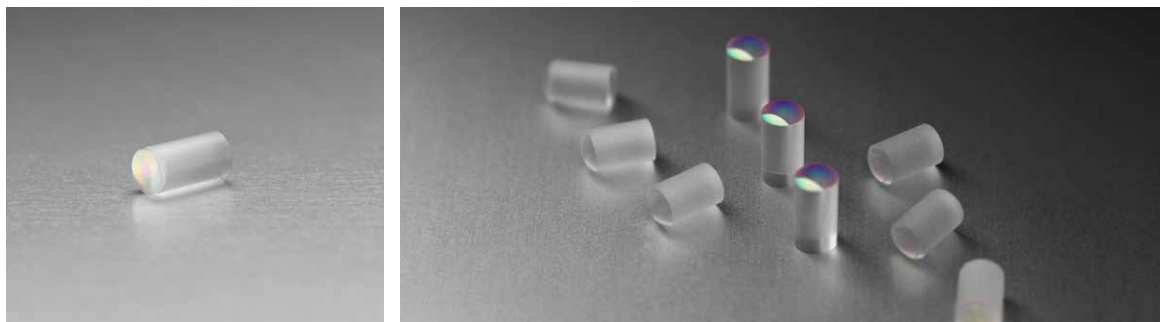


High Precision FISBA C-Lenses for fiber optic collimation



High precision FISBA C-Lenses are very flexible when it comes to design. We offer a variety of AR coatings from VIS to NIR as well as customized monolytical and cemented parts.

Technical Data

- Standard lateral decenter: $< 0.3 \mu\text{m}$ for lengths up to 20 mm
- Diameter tolerance: $< 3 \mu\text{m}$ for lengths up to 20 mm
- Highest precision with $< 0.1 \mu\text{m}$ lateral decenter on demand
- Transmission loss: $< 0.2 \text{ dB}$

FISBA Capabilities

- Design flexibility
- Variety of AR coatings from VIS to NIR
- Customized monolytical and cemented parts
- Quick replication for repeat orders

Your Benefits

- High-level design advising including rapid prototyping
- Fast ramp-up into high volume serial production
- Optional traceability of individual components
- Packaging tailored to the needs of your automated assembly process

Industries & Applications

- Diode Laser Integration
- Defense & Security
- Optical Communications

Technical Specifications

High Precision FISBA C-Lenses

Parameters	Standard values	High standard values
Lateral Alignment	< 0.3 μm	< 0.1 μm
Wavelength Coating	VIS, 1.3 μm , 1.5 μm	VIS, 1.3 μm , 1.5 μm
Dimensions (diameter)	1 – 5 mm	0.5 – 5 mm
Dimensions (length)	4 – 20 mm	2 – 20 mm

Customized designs available upon request