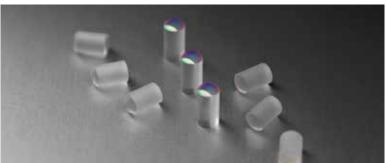


# High Precision FISBA C-Lenses for fiber optic collimation





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**

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

- · Dioden 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