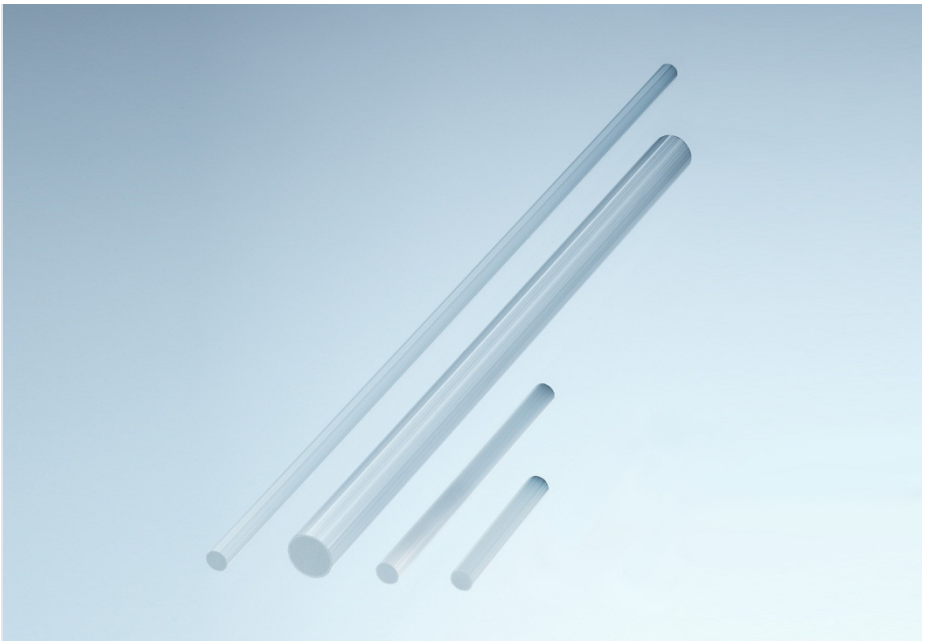
# SCHOTT® Image Conduit

Image Transfer



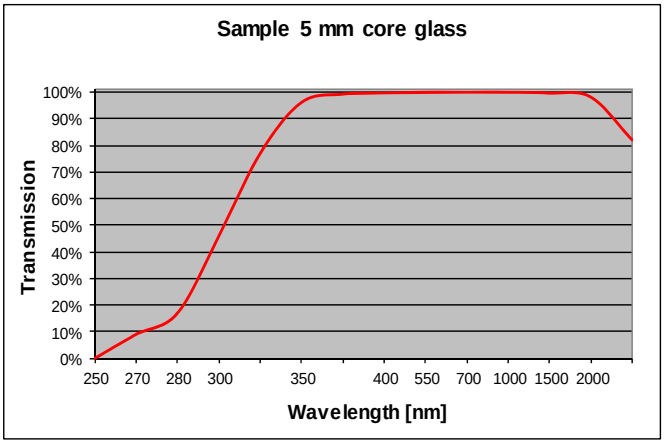
## Applications

- Image transmission
- Gyroscopes and optical feedback sensors for night vision systems

## Performance Characteristics

Image Conduit is a rigid fiber optic rod designed to transmit a coherent image from one end face to the opposite end face. They are produced with a customized process which tailors the fiber size to the specific application. Image conduit can be readily bent by heating to conform to a prescribed path with minimal distortion and transmission loss. Typical applications include gyroscopes and optical feedback sensors for night vision systems.

Image Conduits can operate at temperatures up to 350°C, and are compatible with common optical coatings.




## Typical Image Conduit Specifications

| **Standard Image Conduit – Numerical Aperture 0.56** | | | |
|---|---|---|---|
| **Type** | Diameter (mm) | Fiber Size (µm) | Finished Lengths |
| Low Element Count | 1.6 | 24 | Custom diameters and lengths (up to 2 meters) available -Per customer's request |
| | 3.18 | 50 | |
| | 6.35 | 100 | |
| High Element Count | 3.18 | 12 | |
| | 6.35 | 24 | |

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Lighting and Imaging
**SCHOTT North America, Inc.**
122 Charlton Street
Southbridge, MA 01550
USA
Phone: +1 (508) 765-9744
Fax: +1 (508) 765-1299
www.us.schott.com/lightingimaging
lightingimaging@us.schott.com

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