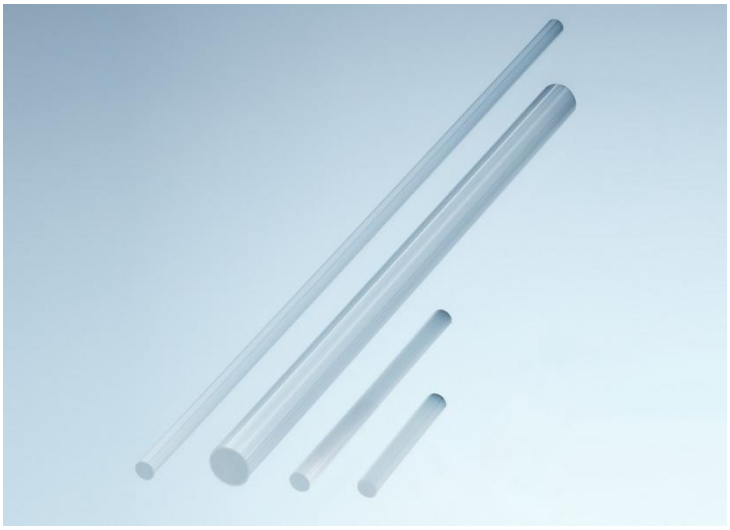
SCHOTT® Image Conduit



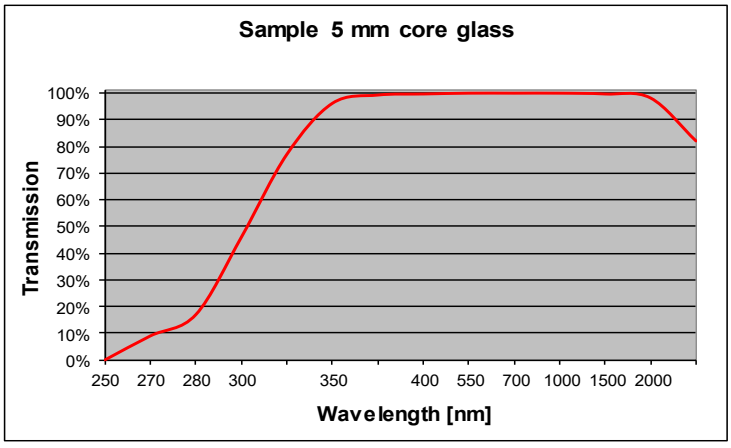


Custom shapes

Product and 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.

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



Applications

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

Typical image conduit specifications

Standard Image Conduit – numerical aperture 0.56			
Type	Diameter (mm)	Fiber size (µm) nominal	Finished lengths
Low element count	1.6	25	Custom diameters and lengths (up to 2 meters) available -Per customer's request
	3.18	50	
	6.35	100	
High element count	3.18	11	
	6.35	22	

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