

SCHOTT® Clad Rod

Light Transfer



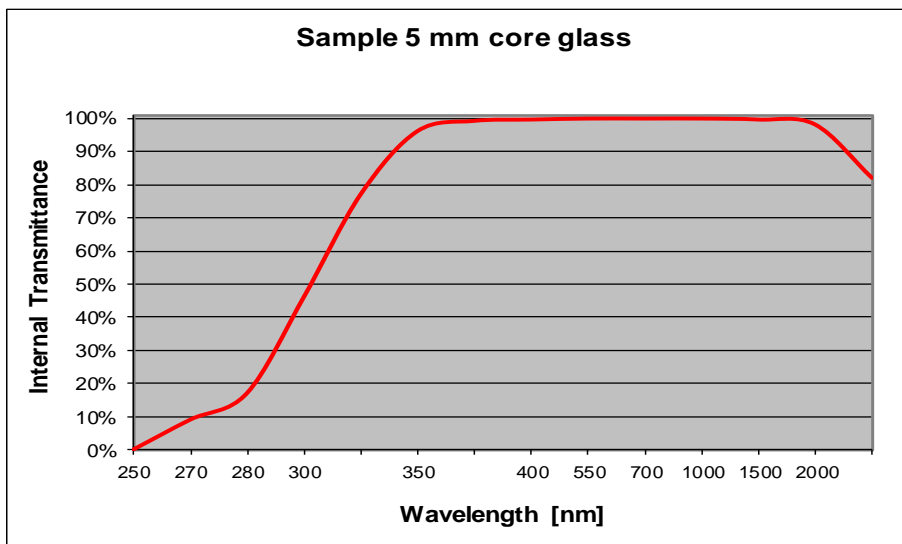
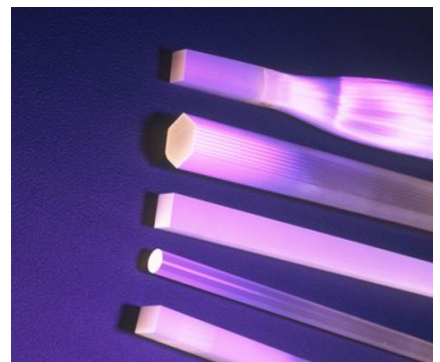
Performance Characteristics

Clad Rods exhibit excellent transmission properties and are ideal for applications requiring bulk light transmission and optical mixing. They are typically used to isolate or remotely locate photo sensors and sources of light. Clad glass rods consist of a high index core material fused together with a lower index cladding glass thus providing total internal reflection. Custom lengths and cross sections can be manufactured to customer specifications. Typical applications for Clad Rod include liquid level sensing and pyrometry.

Typical Clad Rod Specifications

Standard Clad Rods Numerical Aperture 0.56	
Diameter (mm)	Finished Lengths
1.6	Custom diameters and lengths (up to 2 meters) available – Per customer's request
3.18	
6.35	

Clad Rods can also be drawn in custom shapes and used as light homogenizers. The hexagonal shape is an ideal homogenizer. In addition, clad rods are operational temperatures up to 350°C, and are compatible with common optical coatings.



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