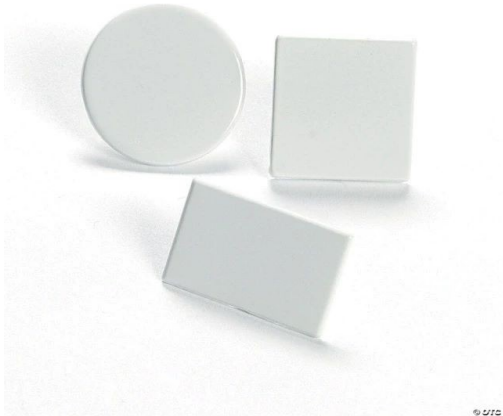


Infrared Silicon / High Resistance Silicon / Single Crystal Silicon Lens

Item Number: KTOM-HBS



Introduction

Silicon (Si) is widely regarded as one of the most durable mineral and optical materials for applications in the near-infrared (NIR) range, approximately 1 μm to 6 μm .

[Learn More](#)

Material	Single crystal of Silicon(Si)
Crystal structure	Face-centred Cubic
Applicable wave band	1.2 μm ~ 8 μm
Refractive index	3.4223 @5 μm
Thermal conductivity	273.3 W/mK
Coefficient of thermal expansion	2.6 $\times 10^{-6}/^{\circ}\text{C}$ at 20 $^{\circ}\text{C}$