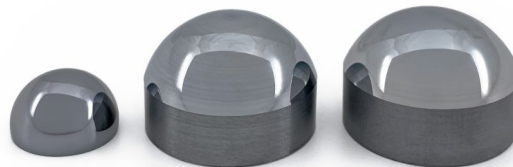




Silicon Optics for THz beam guiding

- **Highly transmissive silicon optics for THz applications**
 - ▶ **Material:** Silicon
 - ▶ **Refractive index:** 3.41
 - ▶ **Transmittance:** > 53 % (@ 0.1 – 3.0 THz)
- **Listed optics are available from stock**
- **Anti-Reflex coating on request**
- **Other dimensions on request**

Silicon Lenses



Lens	Form	Diameter	Thickness	Generated THz beam
LSH-D12-T7.13	Hyperhemispheric	12 mm	7.1 mm	Divergent
LSA-D20-T13.77	Asphere	20 mm	13.8 mm	Collimated
LSA-D20-T14-F50		20 mm	14.0 mm	Focused

Designed for beam guiding of THz radiation in combination with a PCA chip.

Silicon Beam Splitter

NEW



Beam Splitter	Diameter	Thickness
BSS-D50.8-T3.5	50.8 mm	3.5 mm

Designed for single-pass applications. Design for multi-pass applications is available on request.