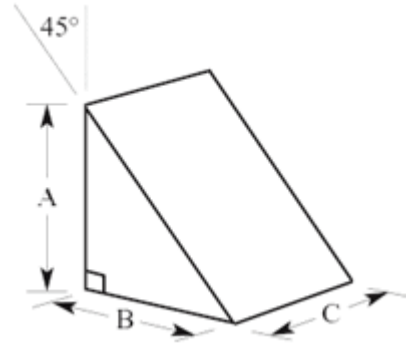


ZINC SELENIDE (ZnSe) Right Angle Prisms

We support ZnSe Right Angle prisms to meet your infrared application. The Right Angle prisms is used as a mirror or deviate light through 90 degree or 180 degree by total internal reflection.

Standard Specifications:

Optical Material:	Laser Grade CVD Zinc Selenide
Diameter Tolerance:	+/-0.1mm
Thickness Tolerance:	± 0.2mm
Clear Aperture:	>90%
Angle Tolerance :	<3 are minutes
Surface Quality:	80-50 scratch-dig
Wavefront Distortion:	2 fringes
Bevel:	<0.25mm X 45°
Coating:	available upon request



Standard ZnSe Right Angle Prisms

A(mm)	B(mm)	C(mm)	Coating	Product Number
7.0	7.0	7.0	uncoating	UQT-RAPZ0100
10.0	10.0	10.0	uncoating	UQT-RAPZ0101
12.7	12.7	12.7	uncoating	UQT-RAPZ0102
20.0	20.0	20.0	uncoating	UQT-RAPZ0103

Please Contact [ultiQuest](#) for other dimensions in prototype and production quantities.

NOTES!

- ➔ ZnSe reacts readily with acidic substances, generating toxic selenium oxide gas. Never clean with acidic washing solutions.
- ➔ ZnSe is classified as a toxic material by law. Transactions involving ZnSe or products incorporating ZnSe require a certificate of transfer.
- ➔ Disposal of ZnSe optics as general waste is prohibited. Please notify us if you need to dispose of such products. (Ultiquest Technologies products only.)
- ➔ Be sure to wear laser safety goggles when checking optical path and adjusting optical axis.