

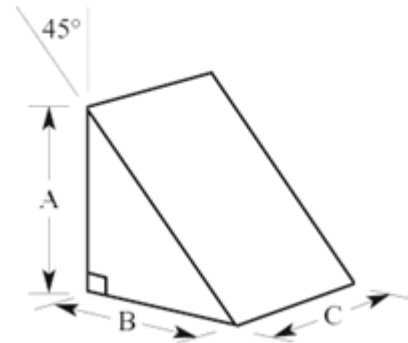
LASER QUALITY RIGHT ANGLE PRISMS

Ultiquest Technology offers a range of laser quality right angle prisms. These have been manufactured with high precision and selected for low scatter. Surface finish and angular accuracy are tightly maintained.

Fused silica is an ideal material for most laser applications because of its thermal handling capabilities. Glass is recommended for lower power applications.

Standard Specifications:

Optical Material:	BK7, Fused Silica
Dimension Tolerance:	+0.0, -0.15mm
Clear Aperture:	>90%
Angular Deviation Tol:	<3 minutes
Perpendicular Deviation:	Upon request.
Surface Quality:	20-10 scratch and dig
Wavefront Distortion:	$\lambda/10$ at 632.8nm
Bevel:	<0.25mm X 45°
Coating:	available upon request



Standard Laser Quality Right Angle Prism

Size(mm)	Optical Material	Product Number
BK7		
A=B=C=3.2	BK7	UQT-LRPB0101
A=B=C=5.0	BK7	UQT-LRPB0102
A=B=C=10.0	BK7	UQT-LRPB0103
A=B=C=12.7	BK7	UQT-LRPB0104
A=B=C=15.0	BK7	UQT-LRPB0105
A=B=C=20.0	BK7	UQT-LRPB0106
A=B=C=25.4	BK7	UQT-LRPB0107
A=B=C=38.1	BK7	UQT-LRPB0108
A=B=C=50.8	BK7	UQT-LRPB0109
UV Grade Fused Silica		
A=B=C=12.7	Fused Silica	UQT-LRPF0201
A=B=C=15.0	Fused Silica	UQT-LRPF0202
A=B=C=20.0	Fused Silica	UQT-LRPF0203
A=B=C=25.4	Fused Silica	UQT-LRPF0204
A=B=C=38.1	Fused Silica	UQT-LRPF0205

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

NOTES!

- ➔ Please contact us for OEM with mass production..
- ➔ Every edge of these prisms is chamfered (beveled) for chipping prevention. The dimensions of these prisms are values

not including chamfer.

➔ Be sure to wear laser safety goggles when checking optical path and adjusting optical axis.