

# Optical Prism for Beam Splitting

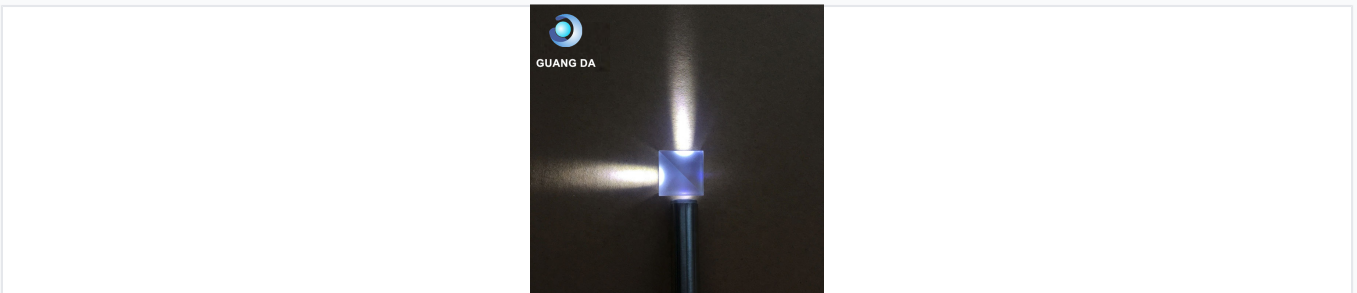
This optical prism is designed for beam splitting applications. It features high precision and undergoes 100% quality inspection during the production process.



## ADDITIONAL IMAGES



## Product Overview



High-precision optical prism designed for accurate beam splitting and light manipulation.

### High-Precision Beam Splitting Prism

This optical prism is engineered for high-precision beam splitting, polarization control, and spectral analysis. Constructed from high-quality optical colourless glass, it features precise angular tolerances and superior surface quality to ensure minimal distortion and maximum light transmission. Designed for versatility, this component is suitable for a wide range of demanding applications, from laser systems and medical equipment to imaging and rangefinding devices.

## Technical Specifications



Precision-engineered prism featuring specialized coatings for beam splitting and polarization.

Material	Optical colourless glass
Clear Aperture	>90%
Surface Quality	40/20
Surface Accuracy	»/5
Angle Tolerance	$\pm 12^{\circ} \pm 52$
Dimensional Tolerance	0.1 mm
Splitting Ratio Accuracy	T/R: $\pm 5\%$

## Applications



Versatile optical components suitable for medical, laser, projection, and military applications.

### Application Fields

- Projectors
- Optical Instruments
- Fingerprint Devices
- Collimators
- Rangefinders
- Imagers
- Mechanical Sights
- Solar Converters
- Laser Treatment Equipment
- Laser Measurement Systems

## Quality Assurance

Quality Commitment	High Precision, 100% Quality Inspection, End-to-End Production
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