

## Right Angle Prism



**Product Categories:** [Educational equipments](#), [Light & Optics](#), [Physics Equipments](#)

**Product Tags:** [physics lab instruments](#)

**Product Page:** <https://www.labappara.com/product/right-angle-prism/>

### Product Description

Right Angle Prism - Physics Optical Equipment

Right angle prism is a most commonly used prism. It has two  $45^\circ$  and one  $90^\circ$  angles. The normal use for a right angle prism is to turn light through  $90^\circ$  by reflection from the hypotenuse. These are also called prisms for specific applications.

These prisms are coated with various optical coatings to form cubic beam splitters and color separation cubes used in various projection systems and they are also often coated with high transmission using the hypotenuse face in total internal reflection.

**Specifications:**

Nominal angles of the face are:  $90^\circ \times 45^\circ \times 45^\circ$

No sharp edges

Excellent strength

Crack resistance

**Diameter:** - 38 mm , 50 mm