Email : sales@scilabexport.com
Phone: +91-7082934803

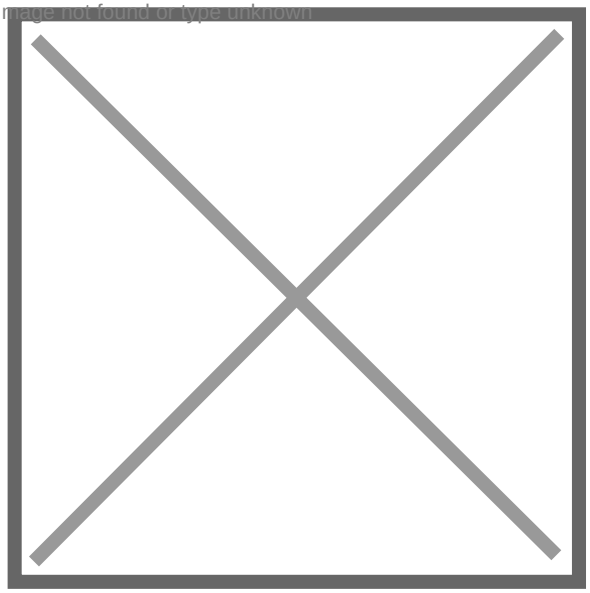
Product Name :

Prism – Glass Rectangular Block

Product Code :

SLE/PHY/115

Image not found or type unknown



Email : sales@scilabexport.com
Phone: +91-7082934803

Description :

Prism – Glass Rectangular Block (Product Code: SLE/PHY/115) is a parallel-sided clear glass block used to study the refraction of light and measure refractive index in school physics practicals. Students trace rays through it with pins or a narrow beam, and its glass has a listed refractive index of 1.52 with all angles accurately worked. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Specifications

Parameter	Detail
Material	Clear glass, completely bubble-free
Refractive index	1.52
Surfaces	Optically worked
Angles	All accurately worked
Edges	Slightly bevelled
Product code	SLE/PHY/115
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Glass Rectangular Block Used For?

Laid flat on paper, the block's outline is drawn and a ray is traced in and out with pins or a laser beam. Joining the points shows the ray bending towards the normal on entry and away from it on exit, emerging parallel to its original direction but shifted sideways. Measuring the angles of incidence and refraction lets students apply Snell's law and compare their answer with the listed index of 1.52.

The block also demonstrates real and apparent depth: looking down through it, a mark underneath appears raised, and the ratio of real to apparent thickness gives another estimate of refractive index. Because the angles are accurately worked, opposite faces stay parallel, which is what makes the sideways-shift experiment reliable. It is core physics practical equipment for CBSE and state-board refraction experiments.

What to Specify When Ordering

- Block size — the listing does not give dimensions, so state what you need.
- Quantity for pairs or small groups.
- Drawing boards and pins, or a laser pen, for ray tracing.

OEM Manufacturer

ScienceLab, the trading name of Jain Scientific Equipments Private Limited, is the OEM for this rectangular glass block and makes it at its licensed factory in Saha, Ambala, Haryana, India. Institu size or qu ofile page

Email : sales@scilabexport.com
Phone: +91-7082934803