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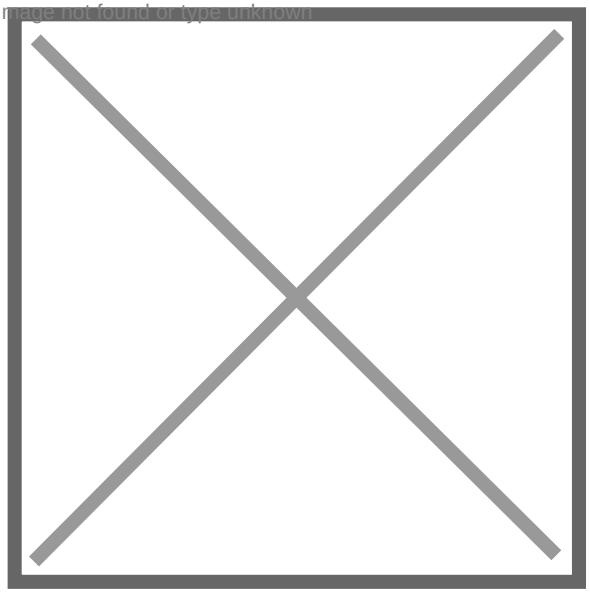
Product Name :

Convex Lens

Product Code :

SCL-396/096

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Description :

Convex Lens (Product Code: SCL-396/096) is a round, spherical glass lens used to converge light and form real images in school and college physics laboratories. Students use it to find focal length and trace image formation, and it is offered in exact focal lengths of 10 cm, 15 cm and 20 cm with a 2 inch diameter. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India, as part of its optics lab equipment range.

Specifications

Parameter	Detail
Lens type	Convex (converging)
Material	Glass, spherical and optically worked
Shape	Round
Diameter	2 inch (approx. 51 mm)
Focal lengths offered	10 cm, 15 cm or 20 cm (exact focal length)
Finish	Ground edges, highly polished
Resistance	Chemical resistant and heat resistant
Intended use	Study of light principles in the lab or at home
Product code	SCL-396/096
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Convex Lens Used For?

The convex lens is the heart of the focal-length practical. Students first focus the image of a distant window or tree on a screen to get a rough value, then mount the lens on an optical bench and record object and image distances to calculate f from the lens formula. Moving the object from beyond 2F to inside F shows how the image changes from real and inverted to virtual and magnified.

The choice between the 10 cm, 15 cm and 20 cm versions depends on bench length and class level: a short focal length keeps images within a small bench, while a longer one spreads the distances out for easier measurement. Hold the lens by its ground edge, clean the polished faces with lens tissue, and keep it in a padded box so the surfaces stay scratch-free, as with all school physics lab equipment.

What to Specify When Ordering

- Focal length: 10 cm, 15 cm or 20 cm, or a mix of all three
- Quantity of each focal length, for example one lens per student group
- Whether matching concave lenses are needed for lens combination experiments
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OEM