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Phone: +91-7082934803

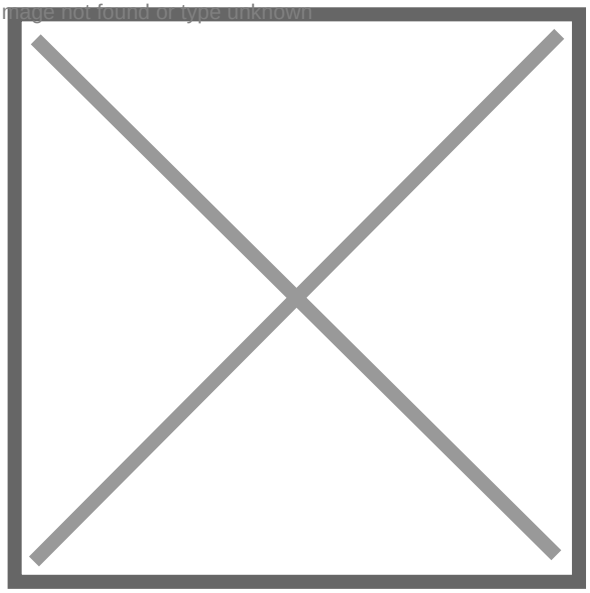
Product Name :

Slinky Spring

Product Code :

SCL-300/048

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Description :

Slinky Spring (Product Code: SCL-300/048) is a steel helical spring used to demonstrate wave motion in school and college physics laboratories. Teachers stretch the compact 75 x 50 mm coil along a bench or floor, where it extends to about 5 metres, so a class can watch pulses travel and reflect. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside its wider physics lab equipment in India.

Specifications

Parameter	Detail
Type	Helical (slinky) spring
Material	Steel
Size	75 x 50 mm
Fully extended length	About 5 metres
Purpose	Demonstration of wave motion
Product code	SCL-300/048
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is the Slinky Spring Used For?

A slinky spring makes wave behaviour visible on a lab bench. With one end held still and the other moved from side to side, a transverse pulse runs along the coils; pushing the free end forward and back instead produces compressions and rarefactions, the pattern of a longitudinal, sound-like wave. Because a spring can undergo a large elastic deformation and then return to shape, the same coil can be stretched and released many times in one lesson.

Springs of this kind are used widely in mechanical systems and some structural elements, which gives teachers a real-world link for the topic. In class, work on a smooth floor or a long bench so the 5 m stretch does not snag, extend the spring gradually rather than all at once, and collapse it coil by coil after use so it does not tangle.

Supplier

ScienceLab is the trading name of Jain Scientific Equipments Private Limited, based in Ambala, Haryana. The company supplies this slinky spring together with the mechanics and wave apparatus that schools and colleges buy for their practicals, so a single order can cover several experiments. For vendor registration, the supplying company is Jain Scientific Equipments Private Limited (GSTIN 06AAECJ8618A1ZT, LEI 3358004HRD1JIVXKYX49). More background is on the ScienceLab company profile.

Related Physics Lab Equipment

These items are used with the slinky spring in wave and oscillation lessons:

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