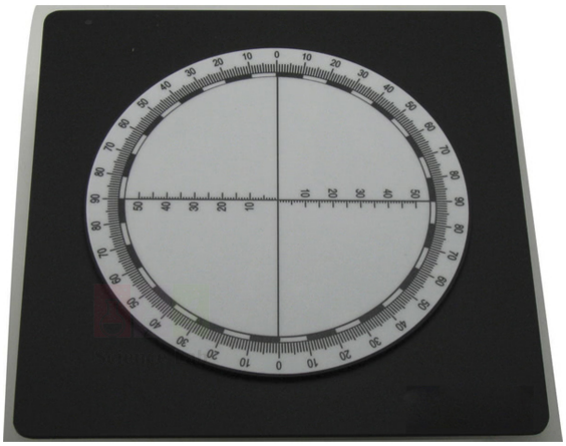
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Product Name :

Microwave Accessories Rotating Protractor

Product Code :

SLE/PHY/249



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Description :

Microwave Accessories Rotating Protractor (Product Code: SLE/PHY/249) is an angle-measuring accessory used to measure the directivity of microwave transmission in school and college physics experiments. Students use it to read the angle between a microwave transmitter and receiver as the set-up is turned, converting signal readings into a clear picture of how the beam spreads. It is made by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, an OEM manufacturer, at its own factory in Ambala, India.

Key Details

Parameter	Detail
Type	Rotating protractor (microwave accessory)
Purpose	Measuring the directivity of microwave transmission
Used in	Microwave experiments
Dimensions and scale	Not stated in the product listing — ask us for details
Product code	SLE/PHY/249
Manufacturer	Jain Scientific Equipments Pvt Ltd (ScienceLab) — OEM
Country of origin	India (made in Ambala, Haryana)

What Is the Microwave Rotating Protractor Used For?

Directivity describes how strongly a transmitter sends energy in each direction. With the transmitter fixed and the receiver moved in steps around the protractor, students record the received signal at each angle and plot a polar diagram that shows the main beam and how quickly the signal falls away to either side.

The same angular scale helps when other microwave accessories are placed in the beam: measuring the angle of reflection from a metal plate, the deviation produced by a liquid-filled prism or the effect of turning a polarising grille. Align the zero mark with the transmitter axis before taking readings, and take several readings at each angle to average out fluctuations. Used this way, the protractor turns a qualitative microwave demonstration into a measured physics practical.

OEM Manufacturer

Jain Scientific Equipments Private Limited, trading as ScienceLab, is the OEM (original equipment manufacturer) of the Microwave Accessories Rotating Protractor and produces it at its own licensed factory at Saha, Ambala, Haryana, India. Schools, colleges, dealers and importers buy it directly from the manufacturer, so questions about using it with an existing microwave kit, replacement parts or repeat orders go straight to the company that makes it. For institutional and tender buyers who need vendor registration details, the company's GSTIN is 06AAECJ8618A1ZT and its LEI is 3358004HRD1JIVXKYX49. Read more on the ScienceLab company profile.

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