Narika product name:

Plastic Spring (Pack of 10pcs)

Product Description:

Plastic Spring for demonstrating Transversal and Longitudinal Waves

Catalog Number:
C15-4103-W0

Keywords:

- Wave motion
- Transversal wave
- Longitudinal wave

Specifications

- Material: Plastics
- Size: ca.φ17mm (winded dia.) x 500mm, Wire:φ1.5mm

Overall advantages to users:

- Easy to demonstrate transversal and longitudinal waves either in the air or on the floor.
- Experiments on transversal wave shown below are possible:
  (1) Observing "Phase of reflected waves."
  (2) Measuring "Wave velocity."
  (3) Investigating relationship between "Wavelength and Frequency of Standing Waves."
- Experiments on longitudinal wave shown below are possible:
  (1) Observing Longitudinal Waves (Compressional Waves) and Phase of Reflected Waves at a Fixed End.
  (2) Measuring "Velocity of Longitudinal Waves."

Benefits to users:

- **To all users:**
  - Light and durable enough to carry any kind of wave experimentation, not only on the floor but also in the air compared with conventional metal springs.
  - More unlikely to get entangled compared with conventional metal spring, which ensures accurate experiment.
- **To teachers:**
  - Possible to do students' experiment without fear of breaking it due to its affordability.
- **To students:**
  - Variety of wave experimentations are possible, which helps students better understand characteristic of each wave.