

28 Microwaves of wavelength 3.00 cm are incident normally on a row of parallel metal rods. The separation of the rods is 8.00 cm. The first order diffraction maximum is observed at an angle of 22.0° to the direction of the incident waves.

What is the angle between the first and second order diffraction maxima?

- A** 22.0°
- B** 26.6°
- C** 44.0°
- D** 48.6°

29 Which electrical quantity would be the result of a calculation in which energy is divided by charge?