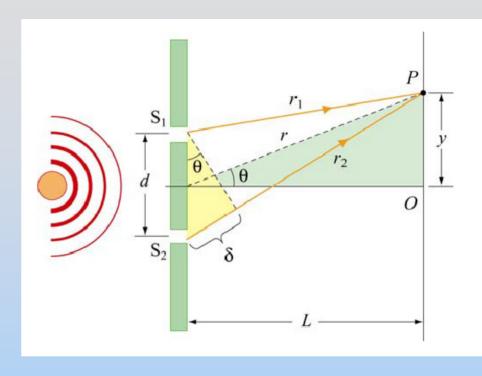# Concept Question: Double Slit

Coherent monochromatic plane waves impinge on two apertures separated by a distance d. An approximate formula for the path length difference between the two rays shown is

1. d sin θ
2. L sin θ
3. d cos θ
4. L cos θ
5. Don't have a clue.

8.02SC Physics II: Electricity and Magnetism

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