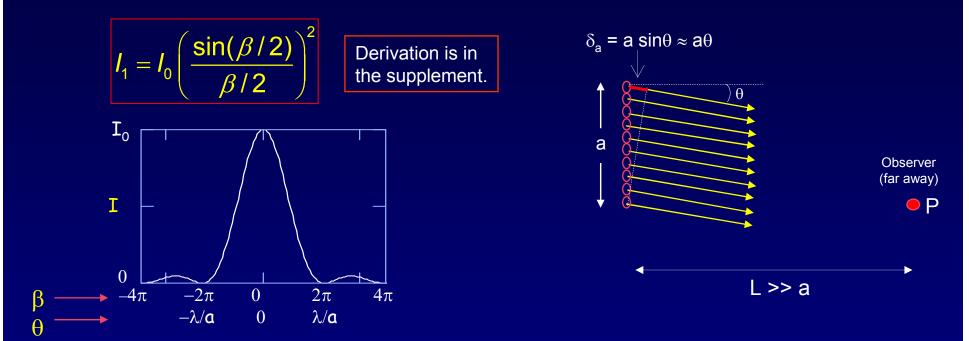
Single-slit Diffraction — Summary

The intensity of a single slit has the following form:



 β = phase difference between waves coming from the top and bottom of the slit.

Single Slit Diffraction Features: First zero: $\beta = 2\pi \implies \theta \approx \lambda/a$ Secondary maxima are quite small.