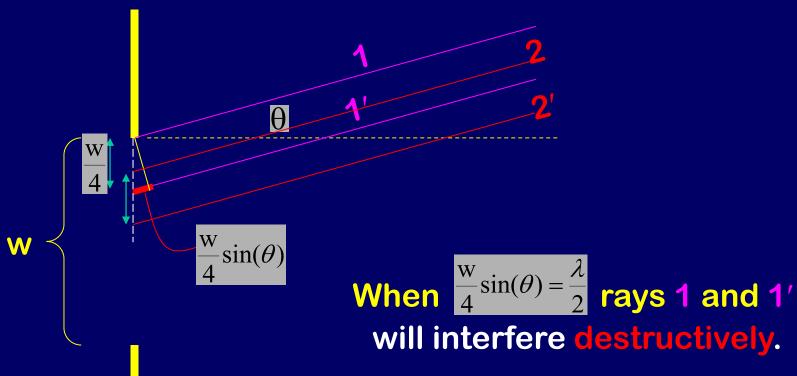
Single Slit Diffraction





Rays 2 and 2' also start w/4 apart and have the same path length difference.

Under this condition, every ray originating in top quarter of slit interferes destructively with the corresponding ray originating in second quarter.

 2^{nd} minimum at $\sin \theta = 2\lambda/w$