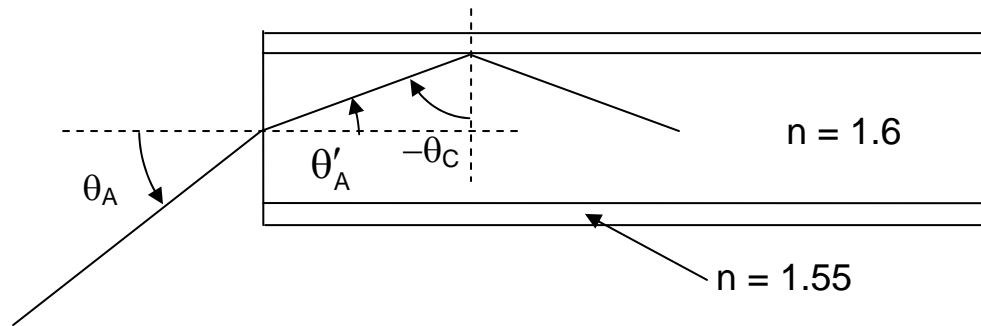


Fiber Acceptance Angle



$$\sin \theta_A = n_{FIBER} \sin \theta'_A$$

$$\theta'_A = 90 - \theta_C$$

$$\sin \theta_C = \frac{n_{CLADDING}}{n_{FIBER}}$$

$$n_{FIBER} = 1.6 \quad n_{CLADDING} = 1.55$$

$$\theta_C = 75.64^\circ \quad \theta'_A = 14.36^\circ$$

$$\theta_A = 23.38^\circ$$