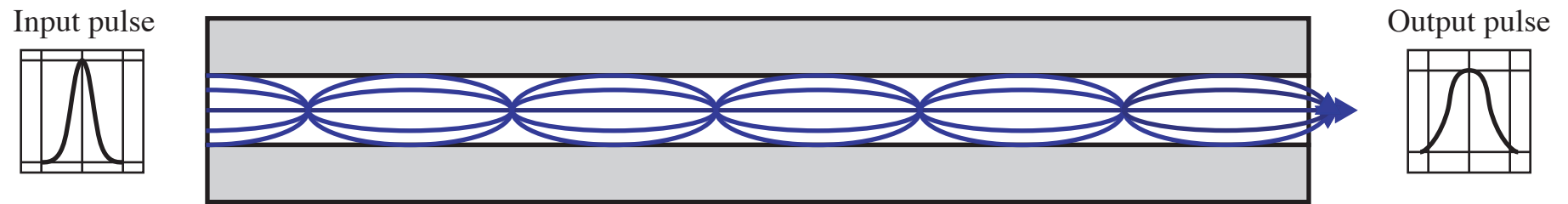
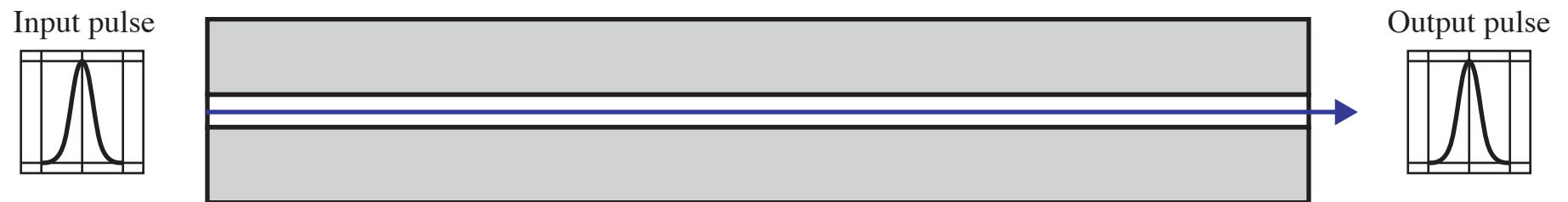


(a) Step-index multimode



(b) Graded-index multimode



(c) Single mode

**Figure 4.7 Optical Fiber Transmission Modes**