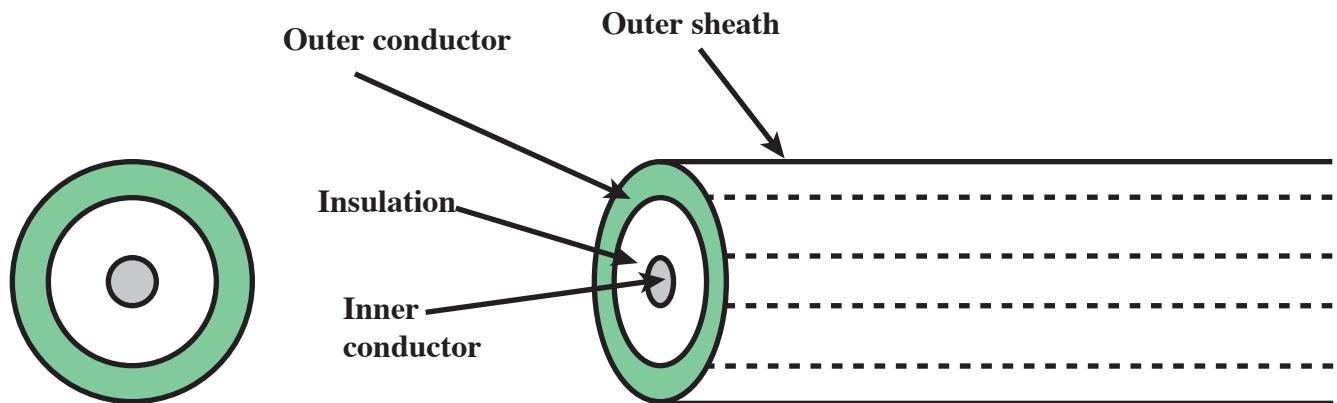


- Separately insulated
- Twisted together
- Often "bundled" into cables
- Usually installed in building during construction

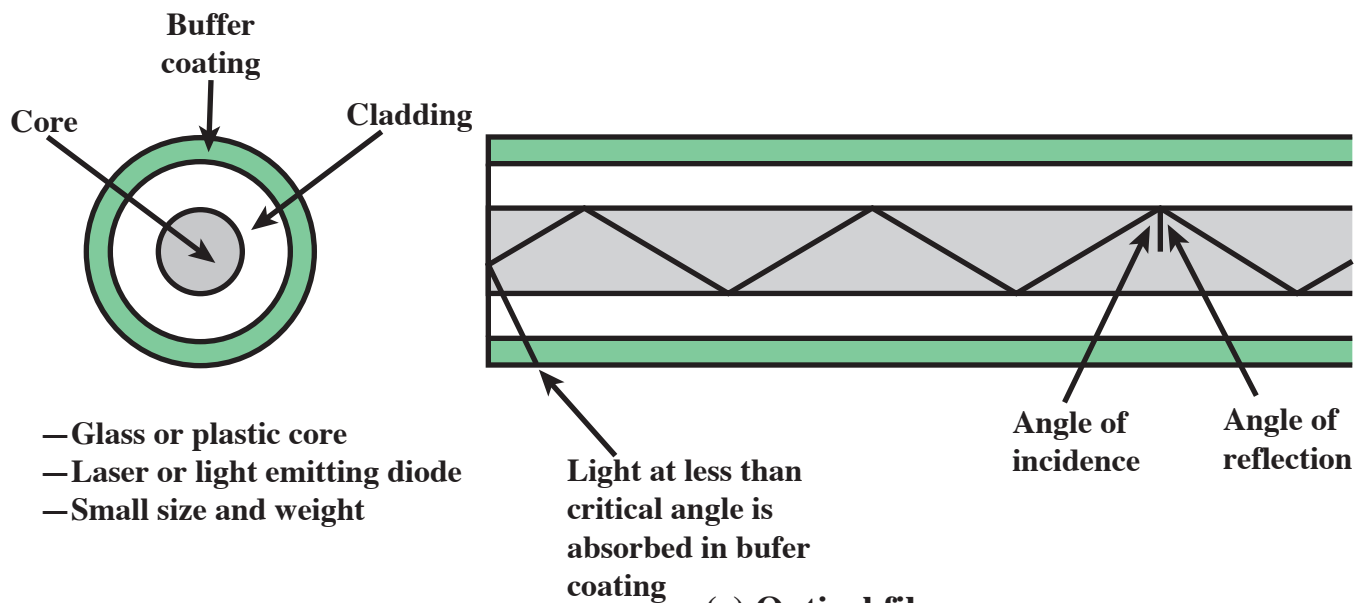


(a) Twisted pair



- Outer conductor is braided shield
- Inner conductor is solid metal
- Separated by insulating material
- Covered by padding

(b) Coaxial cable



- Glass or plastic core
- Laser or light emitting diode
- Small size and weight

(c) Optical fiber

Figure 4.2 Guided Transmission Media