

Fiber Optics: Fibers made from ultra pure glass.(See pg. 579 In text) Fiber optics are able to carry light through them because of a phenomenon called Total Internal Reflection. Light reflects off the inner surfaces of reflective media.(Teacher demo-draw a sketch of what you saw)

Fiber optics are being increasingly used for communication due to their ability to carry large amounts of information very quickly.

Everything from phone calls to internet connections will benefit from fiber optics.

They are also used in endoscopes, medical devices that are used to view the inside of our bodies through very narrow openings.

