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studying the parts and sections of it. The major elements of an optical fiber communication system are shown in the following figure. The basic components are light signal transmitter, the optical fiber, and the photo detecting receiver.

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and buildings, multiple kinds of amplifiers, and an optical receiver to recover the signal as an electrical signal.

Fiber-optic communication - Wikipedia

Furthermore, a fiber optic communication network consists of transmitting and receiving circuitry, a light source and detector devices like the ones shown in the

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figure. When the input data, in the form of electrical signals, is given to the transmitter circuitry, it converts them into light signal with the help of a light source.

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