

## Abstract Details

**Title:** Review of Optical Fiber

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**Abstract:** Optical fibers are widely used in the area of communication due to their utility and potential. The major issue with any communication system is security. As the fiber optics gaining popularities in the communication field than large amount of security threats also arise by which system privacy and reliability is affecting. In the communication network the network reliability and privacy is very important. In this review paper I concentrate on security threats and then the methodology behind such threats, further more the detection and the counter measures are explained. The concept of encoding the data over the channel is also explained as the solution to security issues.

**Keywords:** Optical Fiber, Physical Security, Service Disruption Attacks.