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spectrum are called
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systems or general light
wave systems. Light
wave system that
employs optical fibre as
channel for information
transmission is called
' fibre Optics
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Block Diagram ...

The communication system of fiber optics is well understood by 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

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light signal transmitter,
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chapters. One deals with
the advanced
modulation formats
(such as DPSK, QPSK,
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for improving spectral ...

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can operate at bit rate
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Fiber optic cable,
twisted pair cable and
coaxial cable are three
major types of network

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cables used in communication systems. Fiber optic cable also called as optical fiber cable, is a type of Ethernet cable which consists of one or more optic fibers that are used to transmit data Twisted pair cable is often used for telephone communications and most modern Ethernet networks.

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communication is a
method of transmitting
information from one
place to another by
sending pulses of
infrared light through
an optical fiber. The
light is a form of carrier

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wave that is modulated to carry information. Fiber is preferred over electrical cabling when high bandwidth, long distance, or immunity to electromagnetic interference is required.

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Optical fiber is the most
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channel for optical communications. The transmitters in optical fiber links are generally light-emitting diodes (LEDs) or laser diodes . Infrared light, rather than visible light is used more commonly, because optical fibers transmit infrared wavelengths with less attenuation and

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data, the fiber optic communication is the ideal choice. This type of communication is used to transmit voice, video, telemetry and data over long distances and local area networks or computer networks .

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System and It ...

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