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Optical communication, also known as optical telecommunication, is communication at a distance using light to carry information. It can be performed visually or by using electronic devices. The earliest basic forms of optical communication date back several millennia, while the earliest electrical device created to do so was the photophone, invented in 1880.

Optical communication - Wikipedia

At the detection point the demodulation can be easily done by using a photo detector, which converts optical energy into electrical energy results in original transmitted pattern. In advanced optical communication system, to achieve more than one bit per symbol transmits two level binary signals instead of one bit per symbol.

Different Modulation Formats Used In Optical Communication ...

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Description. Fundamentals of Optical Fiber Communication, Second Edition is a seven-chapter tutorial text that considers fiber optic technology as applied to communications systems. This book is based on lectures presented at an annual short course entitled "Fiber Optic Communication Systems" at the University of California at Santa Barbara.

Fundamentals of Optical Fiber Communications - 2nd Edition

Corning's optical fiber-based solutions keep communication flowing for consumers and businesses who want fast, reliable connection to the world anywhere, anytime. Because of these optical communications technologies, people have greater access to video, voice, and information than ever before. But it's not enough.

Optical Communications Technologies | Industry Leading ...

An Introduction to Analog and Digital Communications, 2nd Edition | Wiley. Simon Haykin has written two books with Wiley for Communications Systems, Introduction to Digital and Analog Communications, 2e and the forthcoming revision of his classic Communications Systems, 5e. The second edition of Introduction to Digital and Analog Communications, 2e is written at an accessible level and serves as an introductory treatment of communication theory, both analog and digital communications.

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