

Abstract Details

Title: Development in the Field of Optical Fiber Communication Systems: A Review

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Abstract: This paper presents a review of the latest research and development in the field of optical fiber communication system. Remarkable developments are observed over the past decade. Wide-bandwidth signal transmission with low latency is emerging as a key requirement in a number of applications, including the development of future exaflopscale supercomputers, financial algorithmic trading and cloud computing. Optical fibers provide unsurpassed transmission bandwidth, Optical fiber is now the transmission medium of choice for long distance and high bit rate transmission in telecommunications networks.

Keywords: Applications, bandwidth, fiber optic, multiplexing, transmission and telecommunications networks.