The earliest optical cable factory in China and Europe



Overview

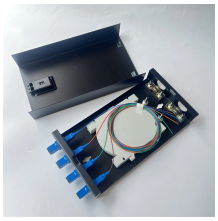
The Poland factory of YOFC based in the Wuhan East Lake High-tech Development Zone (also known as Optics Valley of China, or OVC) began construction in March 2021, producing its first qualified outdoor optical cable in February 2022 and reaching full design capacity in October 2022. As China's earliest joint venture enterprise for optical fibers, YOFC, after the efforts of nearly 30 years, has become the world's largest supplier for optical fibre preforms and optical fibers as well as the world's second largest supplier for optical cables. In the 1960s, Kao created various methods to combine glass fibres with lasers in order to transmit digital data. In 1993, a young Zhou Qunfei mortgaged her life savings to rent a three-bedroom apartment in Shenzhen, transforming it into a workshop for watch glass printing. Three decades later, her journey, and that of millions like hers, epitomizes China's industrial metamorphosis from low-cost assembly to an. Although this concept was first discovered in 1870 by John Tyndall, an English physicist, the first practical use occurred in 1955, when Indian scientist Narinder S. Sumitomo Electric Industries, Ltd. As of November 2025, China's fiber optic market is valued at over USD 10 billion, accounting for more than 50% of global.

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In the 1960s, Kao created various methods to combine glass fibres with lasers in order to transmit digital data, which laid the groundwork for the evolution of the Internet and the eventual creation of the ...



Fifty years ago this month, a 32-year-old Chinese-born research engineer named Charles Kao published a milestone paper that set off the entire field of fiber-optic communications and ...



Sumitomo Electric Industries, Ltd. has enterprisingly dedicated the development and commercialization of optical fibers since the early days.



This article will introduce the leading enterprises in China''s optical fiber cable industry, revealing how they have secured a place on the global optical communications stage through ...



The Italian research center CSELT worked with Corning to develop practical optical fiber cables, resulting in the first metropolitan fiber optic cable being deployed in Turin in 1977.

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Zhong Sheng joined Yangtze Optical Fibre and Cable (YOFC) in 1993 as a maintenance worker, initially struggling with imported computerized systems. In 1996, he single-handedly repaired ...



In 1958, the power and cable factories of various regions competed to develop, and five cable factories, including Zhengzhou, Xi''an, Lanxi, Baiyin and Guiyang, were built, and three factories of Xiangtan, ...



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This guide ranks China''s top 10 fiber optic cable manufacturers for 2025, based on market share, production capacity, innovation, and global reach. The list prioritizes companies with ...

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