What does optical fiber cable represent



Overview

A fiber-optic cable, also known as an optical-fiber cable, is an assembly similar to an electrical cable but containing one or more optical fibers that are used to carry light. The optical fiber elements are typically individually coated with plastic layers and contained in a protective tube. Optical fiber is a technology used to transmit data by sending short light pulses along a long fiber, which is typically made of glass or plastic. Optical fibers are also resistant to. An optic cable, or fiber optic cable, is a thin strand of glass or plastic that transmits data as pulses of light instead of electrical signals. This modern communication method is far superior to traditional metal wires in several ways, leading to its widespread use in numerous sectors worldwide.

Article Content

Optical Fibre Cable

In optical fiber communication, metal wires are preferred for transmission because the signals travel more safely. Optical fibers are also resistant to electromagnetic interference. Total

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