**Cáp quang: ứng dụng vào đời sống**

(Cập nhật đến ngày 12/5/2023)

Cáp quang là một loại cáp viễn thông làm bằng thủy tinh hoặc nhựa, sử dụng ánh sáng để truyền tín hiệu và mạng.

Cáp quang dài, mỏng thành phần của thủy tinh trong suốt bằng đường kính của một sợi tóc. Chúng được sắp xếp trong bó được gọi là cáp quang và được sử dụng để truyền tín hiệu trong khoảng cách rất xa. Không giống như cáp đồng truyền tín hiệu bằng điện, cáp quang ít bị nhiễu, tốc độ cao (đây là tốc độ truyền dữ liệu, phân biệt với tốc độ tín hiệu) và truyền xa hơn.

Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.



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