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Standard high-performance fiber optic data cables do not contain copper elements. Their glass or plastic fiber cores rely solely on light to transmit information without conductive metals.

Fiber optic cables use light to transmit data, while traditional cables, such as copper cables, use electrical signals. In fiber optic cables, data is ...

"Optical fiber replaces copper" refers to the trend in the telecommunications industry where optical fiber communication gradually replaces traditional copper wire communication.

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