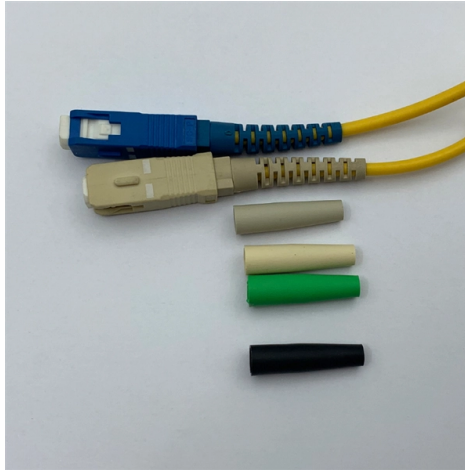


The switch uses one fiber optic cable for receiving and one for transmitting



Overview

Single fiber modules (BiDi) use one fiber for both transmitting and receiving data. They use a thin fiber. Other than entry level network switches, most of today's network switches include one or more GiBC (Gigabit Converter) or SFP (Small Form-factor Pluggable) slots. SFP modules insert into these slots and require two strands of fiber, typically duplex. Using multi mode fiber (for runs under 1000. While Wi-Fi and copper Ethernet cables are great for your home or office, the backbone of the internet and high-speed networks relies on a different technology: fiber optics. They can handle vastly more data than. Simplex Fiber: A Simplex fiber cable consists of a single strand of glass or plastic fiber. However, like any other networking technology, fiber optics can encounter issues that disrupt communication. It's exactly like two cars driving toward each other in the same lane — total crash.



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The light from the transmitter is coupled into the fiber with a connector and is transmitted through the fiber optic cable plant. The light from the end of the fiber

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