

Can the fiber optic and electrical ports of a switch communicate with each other



Overview

Each device has a dedicated P2P connection to the server, and they can only communicate with each other indirectly through the central hub. It's high-performing as no data collisions will occur. Switches come in three types: those with only electrical ports, those with only optical ports, and those with a mix of both electrical and optical ports. The following information outlines the differences between switch optical ports and. In addition, fiber cables can transmit data over several kilometers without signal degradation, making them ideal for connecting switches in large campus networks and between different buildings. The principle is that the light enters the light-sparse medium from the light-dense medium, resulting in total reflection. Usually, there are several types such as SC, ST, FC, etc.



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Optical ports on switches typically require the insertion of optical modules for data transmission over fiber optics. In cases where there is a

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Switch optical port intercommunication means that the optical fiber ports of two switches are connected to each other to achieve the purpose of

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