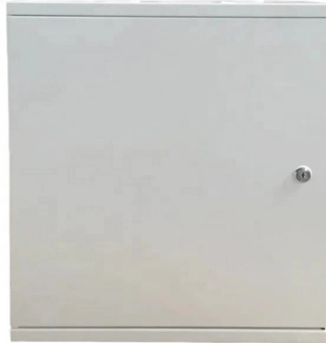


## Can Huawei fiber optic switches be stacked



### Overview

Switch stacking is a cornerstone of modern network design, enabling simplified management, improved redundancy, and scalable bandwidth. Huawei's stacking technology (e., iStack and CSS) allows multiple physical switches to operate as a single logical device. This document serves only as a guide and is written based on laboratory environment. The. Address: Huawei Industrial Base Bantian, Longgang Shenzhen 518129 People's Republic of China Website: <https://www.huawei.com>. However, improper configuration or. Switch stacking is the process of combining multiple switches into a logical device that participates in data forwarding as a whole, in order to expand the number of ports, simplify networking, increase reliability, and extend the system's processing power and bandwidth. Ordinary cable connection: Switches use optical cables, network cables, and. • The S6700 supports the iStack function, which allows switches that are far apart to form a stack. A port on the S6700 can be configured as a stack port using a command for flexible stack deployment.



## Article Content

### Optical Module Solutions for Huawei S5700/S5720 Series Switches

For stacking three or more switches, use ring networking. The stacking steps are as follows: Wear an anti-static wrist strap and insert its grounding end into the ESD socket on the rack.

### How to Connect Multiple Ethernet Switches Using Fiber

In cases where the distance between switches exceeds the total cable length, you can use the LC-LC coupler to connect two fiber optic cables

### Which Cables Can Be Used for Stack Connections?

Optical ports can be connected using high-speed cables, AOC cables, or optical modules+fibers. Electrical ports can be connected using Category 6A or Category 7 cables. When setting up a stack,

### S5700 Series Switches Product Description (V200)

For example, the optical ports can be used to connect to other switches, and the electrical ports can connect to Wi-Fi 6 APs or other wired terminals. Using hybrid copper-fiber cables, the switch can

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### Optical Fiber

**AOC** An active optical cable (AOC) is a fixed-length optical fiber with optical modules at both ends. It can be directly connected to an optical port on a device. In short-distance connection scenarios, AOCs

### Huawei S Series Switches Stack Guide—Version and Model

Switches can set up a stack through stack card connection and service port connection based on stack port types. Service port connections are classified into ordinary and dedicated cable connections

### Related Video Reference

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