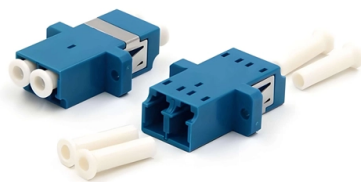


Where are the connectors on Huawei s core switches



Overview

Optical Connector Optical connectors are used to connect optical fibers of the same type. Table 10-10 lists common optical connectors.

Key Takeaways

Huawei core switches have multiple types of connectors including management ports, service ports for network traffic, and stacking ports for switch interconnection.

Management Ports

Huawei core switches typically include a dedicated management interface, often labeled as Ethernet0/0/0 or a Mini USB/console port. These ports are used for initial configuration and monitoring. You can connect a PC via a console cable or Mini USB cable to access the switch CLI for setup and troubleshooting .

Service Ports

The main network connectors on Huawei core switches are Gigabit Ethernet (GE) or 10 Gigabit Ethernet (XGigabitEthernet) ports. These ports handle regular data traffic and uplinks to other switches, routers, or servers. For example, ports like GE0/0/1 are commonly used as uplinks to routers or other network devices . Ports can be configured as access ports for single VLANs or trunk ports to carry multiple VLANs .

Stacking Ports

Many Huawei S-series core switches support stacking, allowing multiple switches to operate as a single logical device. Stacking uses dedicated stack ports or configurable service ports. For instance, physical ports such as XGigabitEthernet0/0/1 to XGigabitEthernet0/0/4 can be assigned as stacking member ports, which then cannot be used for ordinary service traffic. Stacking cables can be ordinary optical/network cables or dedicated stack cables, depending on the switch model.

Power and Other Connectors

Core switches also include power module connectors (AC or DC), fan module slots, and sometimes pluggable interface cards for additional ports. Outdoor models may require surge protection and grounding for power and network ports.

Summary

- Management port: Ethernet0/0/0 or Mini USB for console access.
- Service ports: GE or XGigabitEthernet ports for network traffic, configurable as access or trunk.
- Stacking ports: Dedicated or configurable service ports for switch stacking.
- Power/fan connectors: For AC/DC power modules and cooling. When connecting devices, always check the Quick Start Guide or Hardware Installation Guide for your specific Huawei switch model to identify the exact port locations and supported cable types.

Article Content

Switches

Huawei's Ethernet switches have been widely used in Wide Area Network (WAN), MAN, and data center networks, building

Quick Start Guide

Do not route Ethernet cables overhead. To protect network ports from lightning, use 8-line surge protectors or Huawei certified 4-line

Huawei Ethernet Switches

Router-switch offers huawei CloudEngine, Campus and smb ethernet switches, provide high-availability, high-performance

Optical Fiber

Optical Connector Optical connectors are used to connect optical fibers of the same type. Table 10-10 lists common optical connectors.

AC Power Cable

The AC power cables used in different countries and regions have different connector types. Figure 10-30 and Figure 10-33 use

Installing Cable Accessories

Tools Use dedicated tools provided or specified by Huawei and follow the installation procedure described here. The illustrations in

Related Video Reference

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