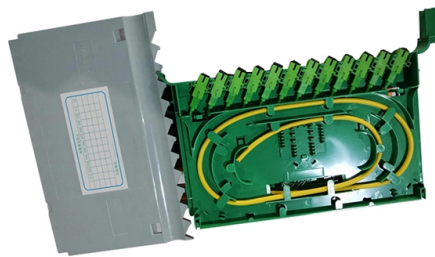


Connecting Huawei S6700 switch to fiber optic cable



Summary of Content

To connect a Huawei S6700 switch to a fiber optic cable, use compatible optical modules, pigtails, and jumpers, ensuring TX and RX ports are correctly aligned and ports are protected from dust.

Step-by-Step Connection

1. Prepare the Switch and Optical Modules Install the appropriate SFP/SFP+ optical module into the fiber port of the S6700 switch. Remove the dust cap from the module before connecting the fiber cable to prevent contamination . 2. Prepare the Fiber Cable

- If using a hybrid optical-electrical cable, splice a pigtail to the main fiber cable.
- Place the spliced section in a fiber management tray or hybrid cable terminal box to protect it from damage . 3. Connect the Fiber to the Switch
- Connect the pigtail or jumper to the optical module on the switch.

• Ensure the TX (transmit) port on the switch connects to the RX (receive) port on the other end, and vice versa. Maintain consistent color coding for fibers in hybrid cables . 4. Using an HDF (Hybrid Distribution Frame)

- If an HDF is used, connect the pigtail to the HDF first, then use a jumper cable to link the HDF to the switch.

• Ensure the port numbers on the HDF match the switch ports for proper signal routing . 5. Installation Best Practices

Article Content

Connecting Optical Fibers

Connect optical fibers to the optical modules on the device, matching the numbers on the optical fibers to those on the ports. To

Connecting Second-Generation Hybrid Cable

Splice the pigtail on the switch side to the main cable and directly connect the pigtail to the HDF. The HDF and switch are connected

Huawei S6700

Connect the switch to the network using Ethernet network cables or optical fiber cables. Refer to the Quick Start Guide for detailed

Huawei S6700 Series Switches User Guide

Ethernet cables used outdoors must be buried underground or routed through steel pipes to protect the switch from lightening. Do

HUAWEI S6700 Series Switches User Guide

Discover how to install and log in to Huawei S6700 Series Switches with this comprehensive user manual. Get step-by

Huawei S6700 Series Manuals | ManualsLib

View online or download Huawei S6700 Series Configuration Manual, Hardware Installation And Maintenance Manual, Hardware

S3700& S5700& S6700 Campus Switch German Manual & Guide

Interoperation Configuration Guide(1) Anleitung für die Interoperabilitätskonfiguration von Switches der S-Serie 2026-03-19

01-08 CONNECTING SWITCHES

NOTE Attach labels to the power switches that will be used during the operation. Attach warning labels to the power switches that

HUAWEI S6700 SERIES CONFIGURATION MANUAL Pdf Download

Download this manual S6700 Series Ethernet Switches V200R001C00 Configuration Guide - IP Routing Issue

HUAWEI S6700 Series Switches User Guide

If all interfaces on the device are optical interfaces, you need to connect the PC to the management interface using network cables.

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://benniedesignstudio.co.za>

Email: sales@benniedesignstudio.co.za

Phone: +27 82 391 4765

Address: The Towers, 1 St Georges Mall, Cape Town, 8001, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

