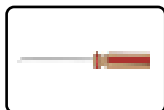
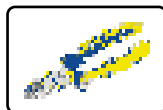


Installation tools

No installation tools are provided with the switch. Prepare them yourself as required.



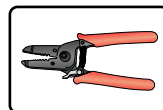
Phillips screwdriver



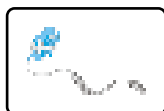
Diagonal pliers



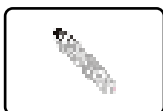
Needle-nose pliers



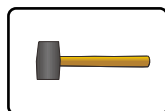
Wire stripper



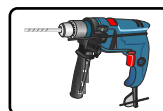
ESD wrist strap



Marker



Rubber hammer



Hammer drill

Safety recommendations

To avoid any equipment damage or bodily injury during installation, read the following safety recommendations carefully before installation. Note that the recommendations do not cover every possible hazardous condition.

- Make sure the environmental conditions such as voltage, temperature, and humidity at the installation site meet the device requirements.
- Make sure the installation site is well-ventilated. Keep the air vents of the switch free of obstruction during switch operation.
- Place the switch in a location away from the interference sources.
- Wear an ESD wrist strap during the installation. Make sure the wrist strap makes good skin contact and is reliably grounded.
- To avoid body injury and device damage, power on the switch after the switch is reliably grounded.
- Install a filler panel in each unused slot to ensure good ventilation.

Installation accessories

- The applicable installation accessories vary by switch model. The packing list describes the accessories provided with the switch. For the accessories not provided with the switch, purchase them yourself as required.
- To rack-mount a switch not provided with mounting brackets, purchase mounting brackets from Dahua.



M6 screw and cage nut



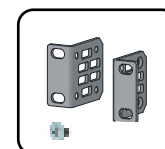
Rubber feet



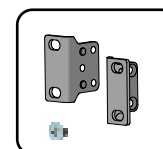
Grounding cable



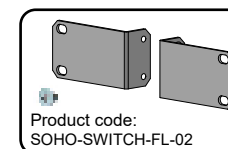
Cable tie



Type A front mounting bracket and screw

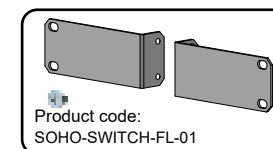


Type B front mounting bracket and screw



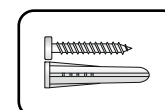
Product code:
SOHO-SWITCH-FL-02

Type C front mounting bracket and screw



Product code:
SOHO-SWITCH-FL-01

Type D front mounting bracket and screw



Screw anchor and screw



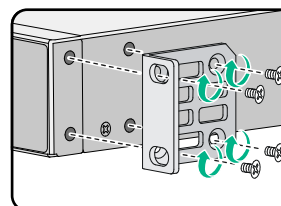
Rear mounting bracket and shoulder screw

Mounting the switch in a rack

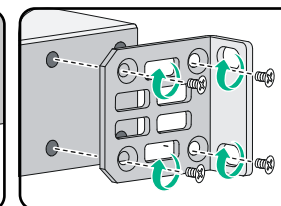
1 Using front mounting brackets

- This installation method is not applicable to a switch provided with both front and rear mounting brackets.
- The applicable front mounting brackets and the installation positions for the brackets vary by switch model. Select an installation position for the mounting brackets as required.
- A Type A front mounting bracket requires four screws to attach to the switch. A Type B, Type C, or Type D mounting bracket requires two screws to attach to the switch.

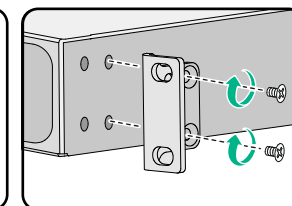
Attach the front mounting brackets to the switch



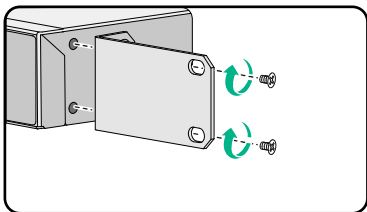
Attach a Type A front mounting bracket near the port side



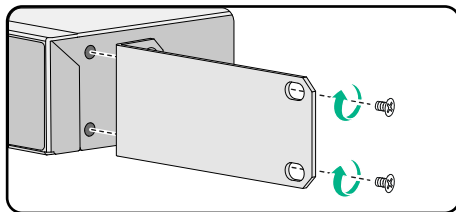
Attach a Type A front mounting bracket near the power module side



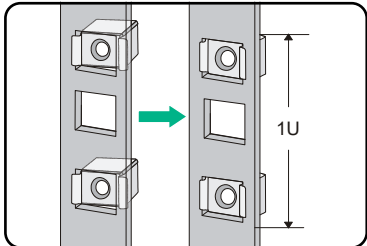
Attach a Type B front mounting bracket near the port side



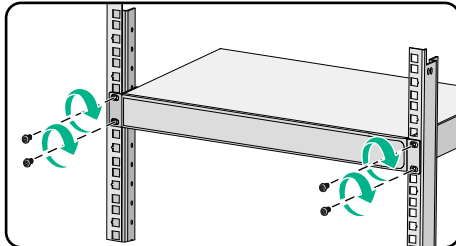
Attach a Type C front mounting bracket near the port side



Attach a Type D front mounting bracket near the port side



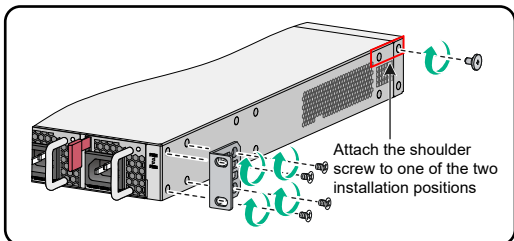
Install cage nuts



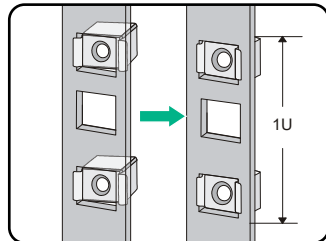
Mount the switch in a rack

2 Using front and rear mounting brackets

- ⚠ This installation method is applicable to switch models that are provided with front and rear mounting brackets.
- You can install the front mounting brackets near the port side or power side of the switch as needed. (This section describes installation near the port side. The installation near the power module is similar.)
- The rear mounting brackets support wide-spacing installation and narrow-spacing installation. For a switch with a depth of 360 mm (14.17 in), wide-spacing installation is applicable to a rack with a depth in the range of 327 to 494 mm (12.87 to 19.45 in), and narrow-spacing installation is applicable to a rack with a depth in the range of 172 to 339 mm (6.77 to 13.35 in). For a switch with a depth of 460 mm (18.11 in), wide-spacing installation is applicable to a rack with a depth in the range of 429 to 595 mm (16.89 to 23.43 in), and narrow-spacing installation is applicable to a rack with a depth in the range of 274 to 440 mm (10.79 to 17.32 in). For narrow-spacing installation, make sure the distance between the rear rack posts and the inside surface of the cabinet door is greater than 153 mm (6.02 in).



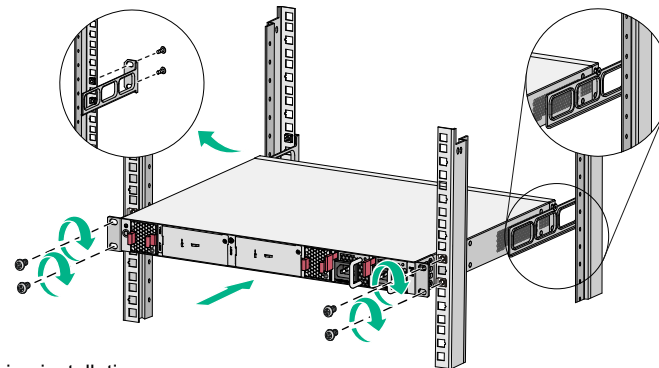
Attach the front mounting brackets and the shoulder screws to the switch



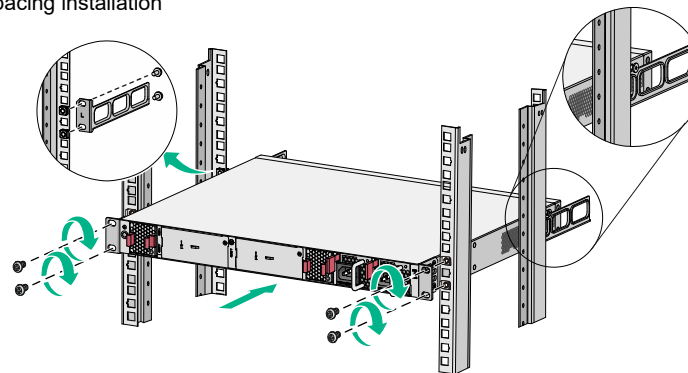
Install cage nuts

Attach the rear mounting brackets to the rack and rack mount the switch

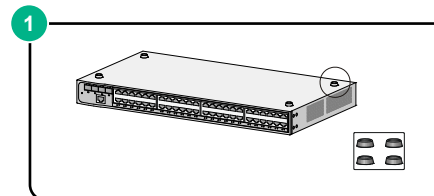
Wide-spacing installation



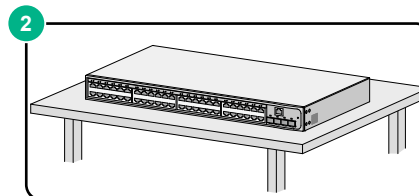
Narrow-spacing installation



Mounting the switch on a workbench

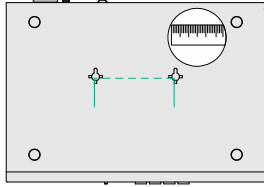


Attach the rubber feet to the switch bottom

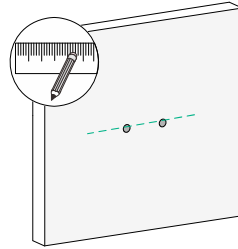


Installing the switch on a wall

- Only switches that have two cross-shaped mounting holes in the bottom and come with screws of 20 mm (0.79 in) and screw anchors support wall mounting.
- To avoid bodily injury, check the wall for the presence of electrical wires before drilling holes in the wall.
- Reserve a minimum clearance of 10 cm (3.94 in) around the switch for heat dissipation.

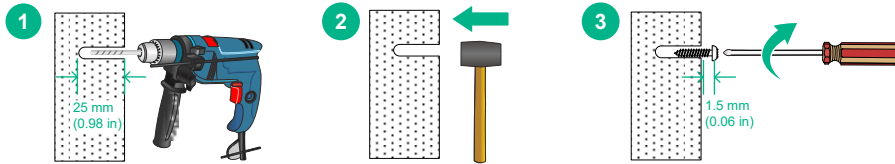


Measure the distance between the two cross-shaped mounting holes.

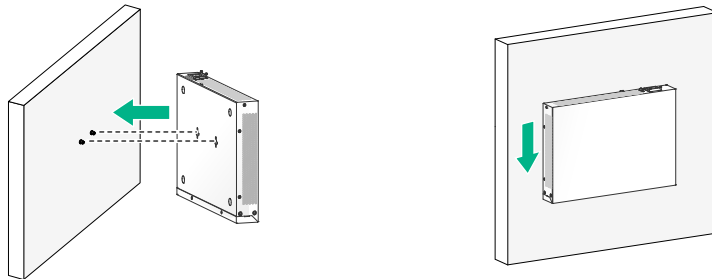


Mark the installation holes on the wall. Make sure the two installation holes are on the same horizontal line

Drill two holes with a diameter of 6 mm (0.24 in) and depth of 25 mm (0.98 in) in the wall. Hammer a screw anchor into each hole. Use a Phillips screwdriver to drive the screw into each screw anchor, leaving 1.5 mm (0.06 in) between the screw head and the wall for hanging the switch.

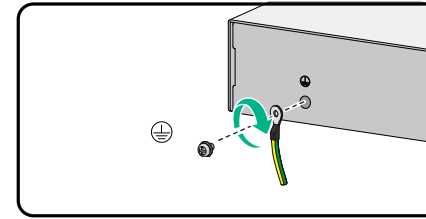


Mount the switch on the wall. Make sure the switch port side faces downwards and the left and right sides are perpendicular to the ground.

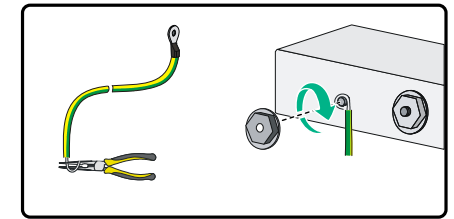


Connecting the grounding cable

Correctly connecting the grounding cable is crucial to lightning protection and EMI protection. Use the grounding cable provided with the switch for grounding.



Connect the grounding cable to the switch

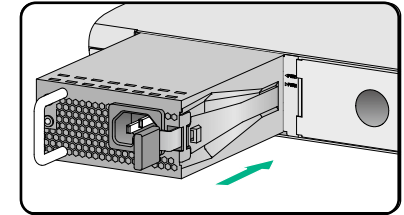
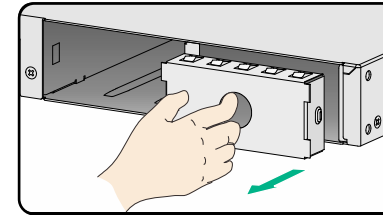


Connect the grounding cable to a grounding strip

Installing a power module

This section is applicable only to switch models that use removable power modules.

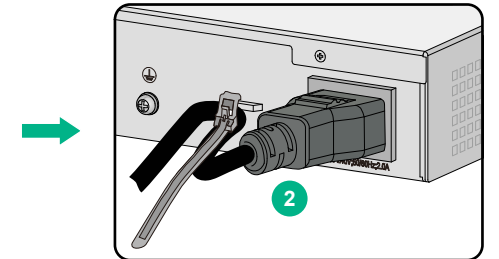
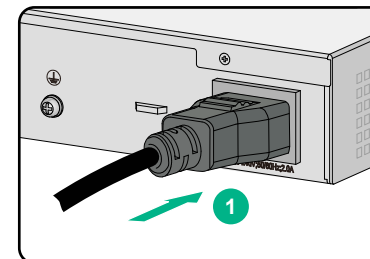
Remove a filler panel (skip this step if no filler panel is in the power module slot)



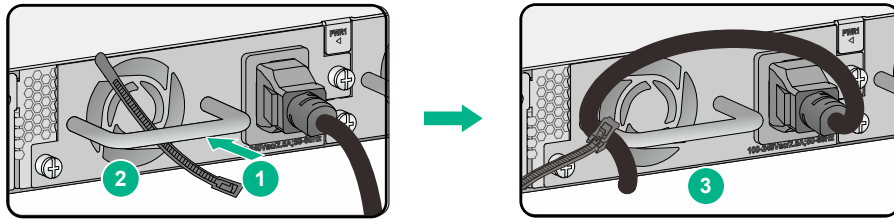
Connecting the power cord

- For switch models with removable power modules, make sure the power modules are installed correctly before connecting a power cord.
- Before connecting the power cord, make sure the switch is reliably grounded.
- To avoid bodily injury, connect the power cord first to the switch and then to the equipment-room power supply system.
- The number of cable ties and installation positions of the cable ties (if provided) depend on the switch model.
- The power cord varies by power module. Do not mix power cords.

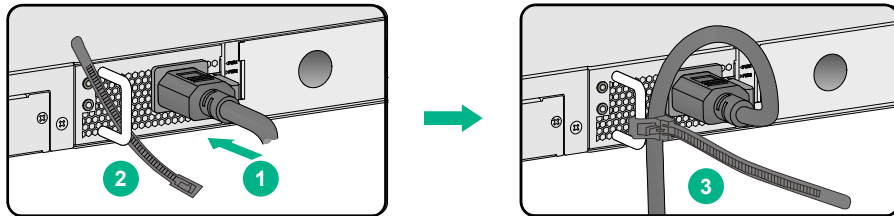
Method 1



Method 2



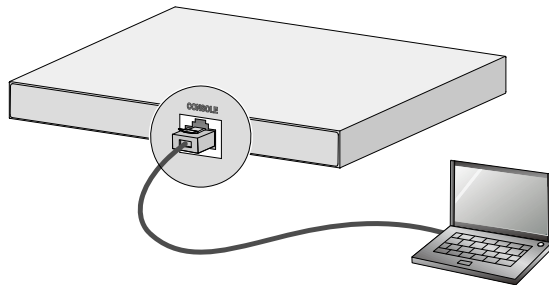
Method 3



Accessing the switch for the first time

1 Connecting the console cable for the switch

To access the switch for the first time, you can use a console cable to connect the console port or micro USB console port on the switch to a configuration terminal. Some devices support HTTP or HTTPS login by default. Users can use the default login information to log in to the Web interface of these devices through HTTP or HTTPS. The following figure connects the console port of the switch to a configuration terminal.



2 Starting the switch

Before powering on the switch, make sure the power cord is correctly connected to the external power supply system that supplies power normally and the console cable is correctly connected. After the switch is powered on, identify whether the switch is operating correctly by observing the LED status. For more information about LEDs, see LEDs in the installation guide for the switch.