CISCO 110 Series Unmanaged Switches User Guide

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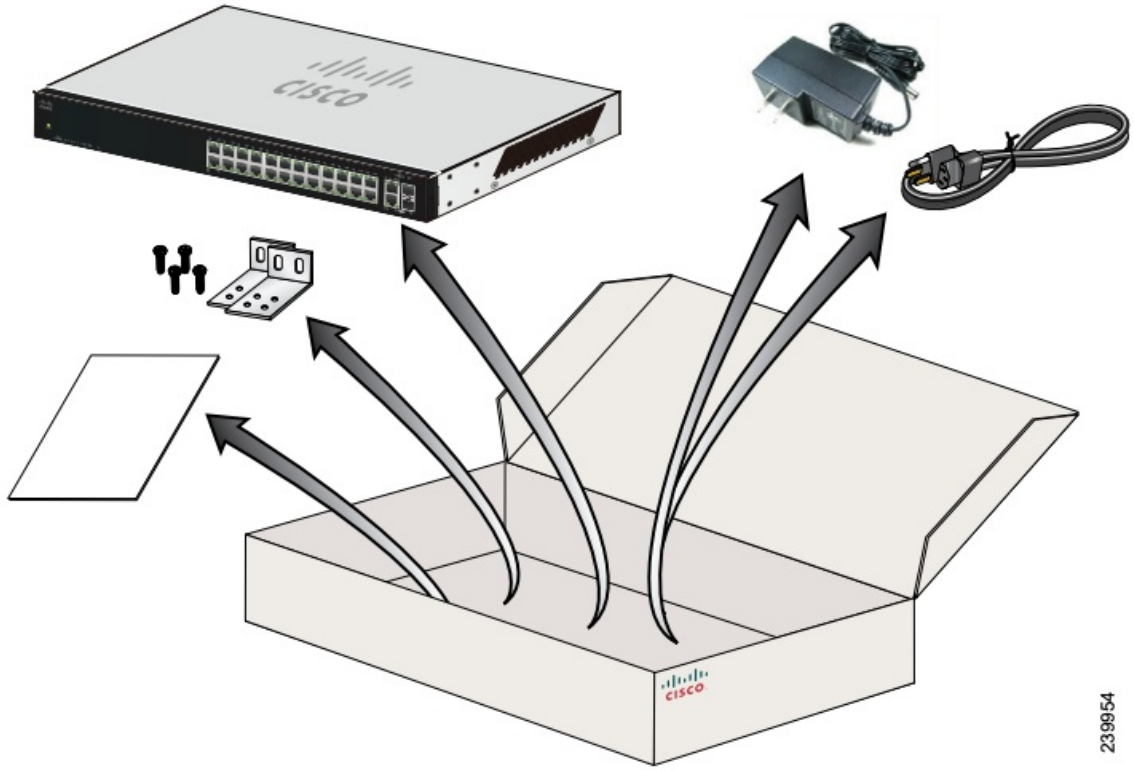
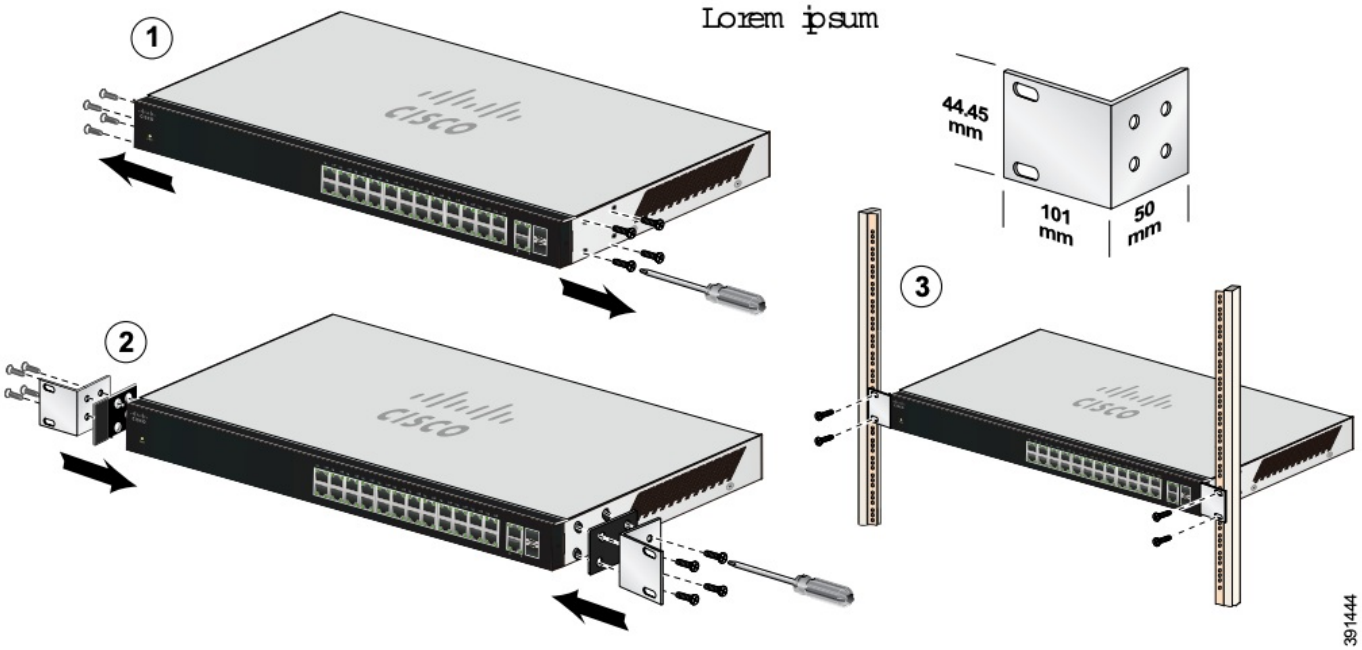
Quick Start Guide

Cisco 110 Series Unmanaged Switches

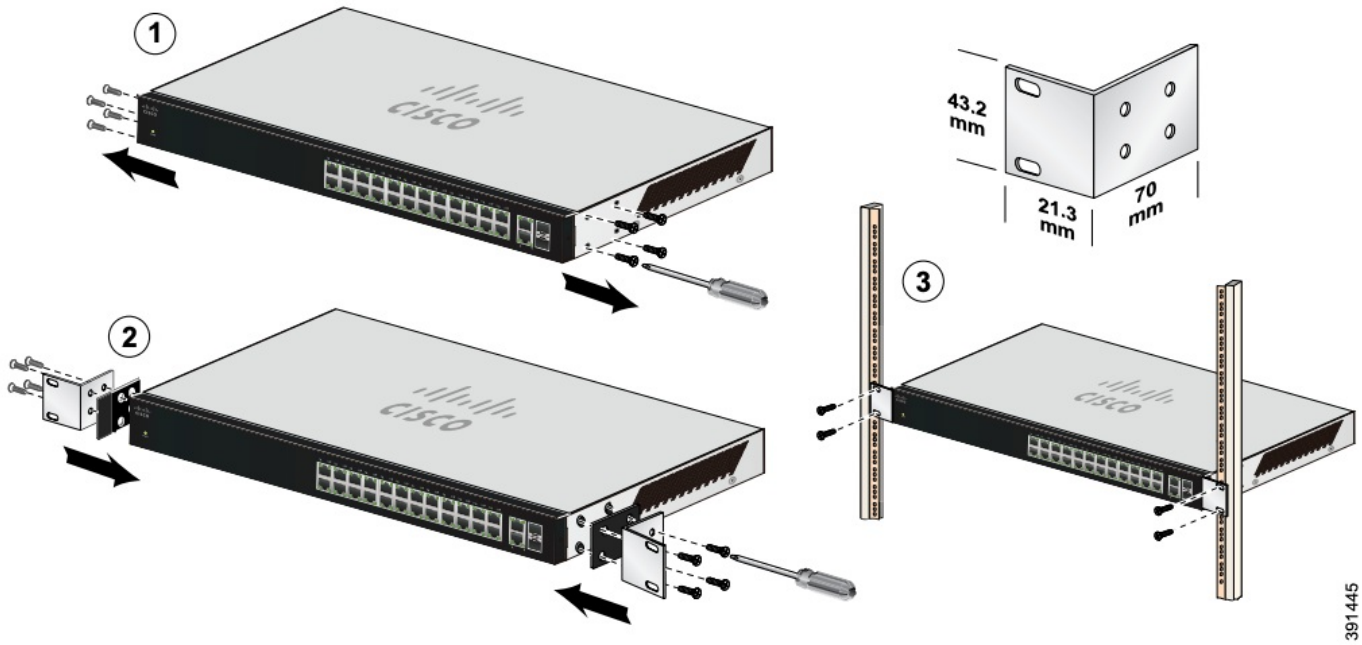
Unbox



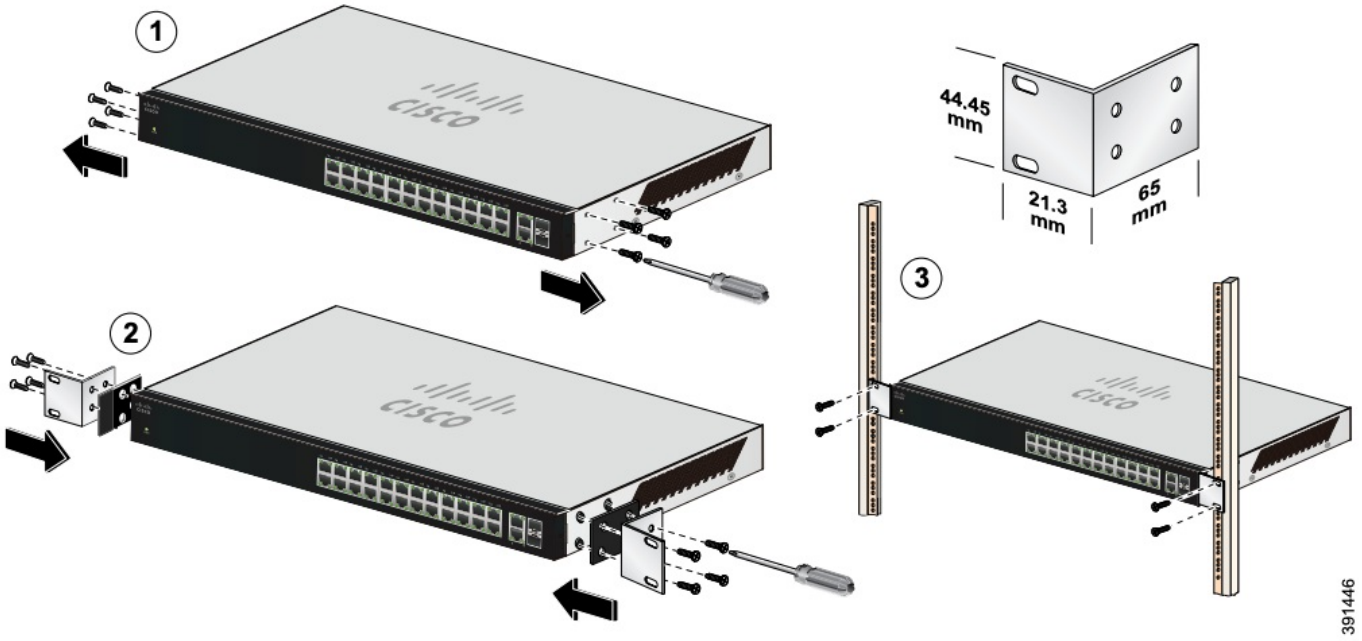
Rack-mount (Optional) – Size 1



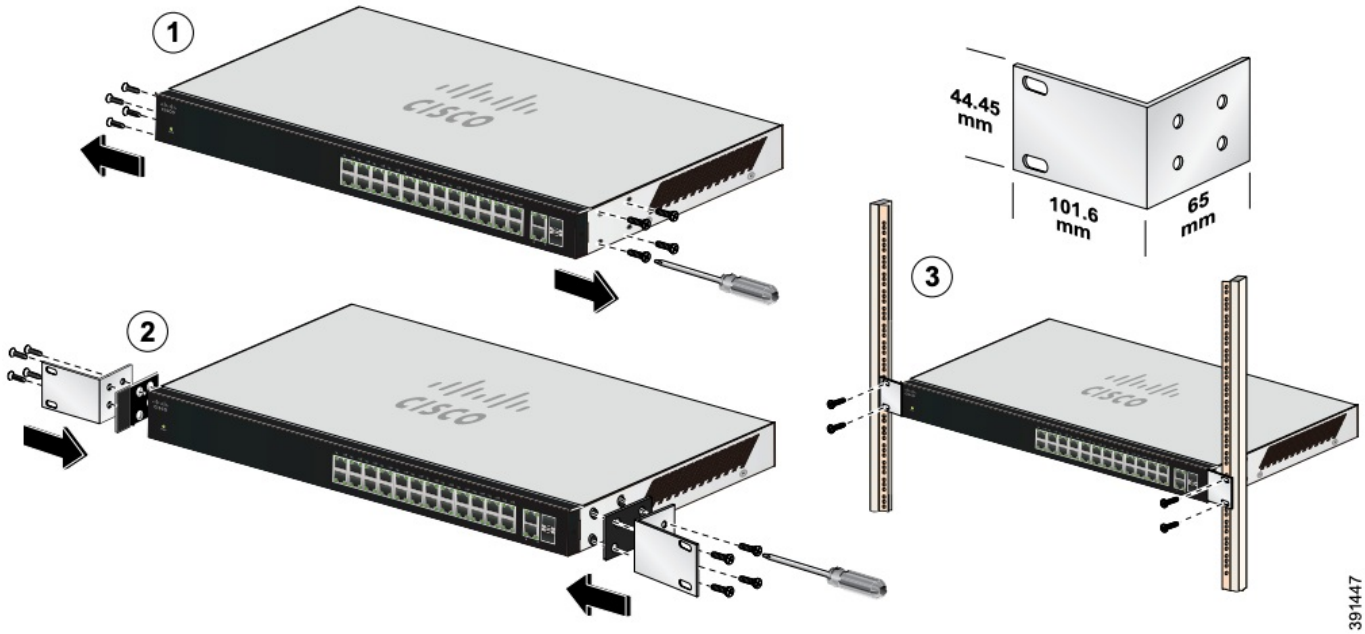
Rack-mount (Optional) – Size 2



Rack-mounting SG110-24 and SG110-24HP



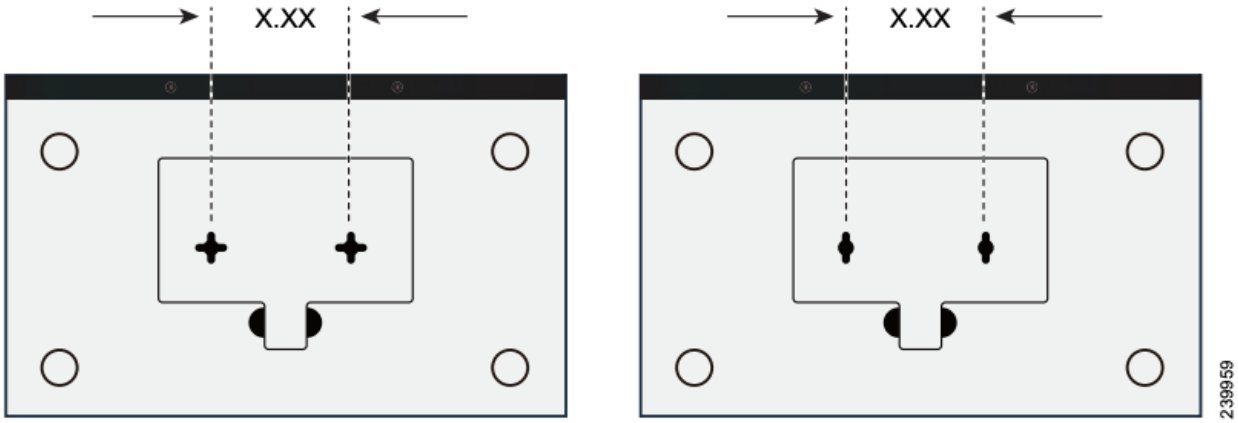
Rack-mounting SG112-24



Safety Instructions for Rack Mounting

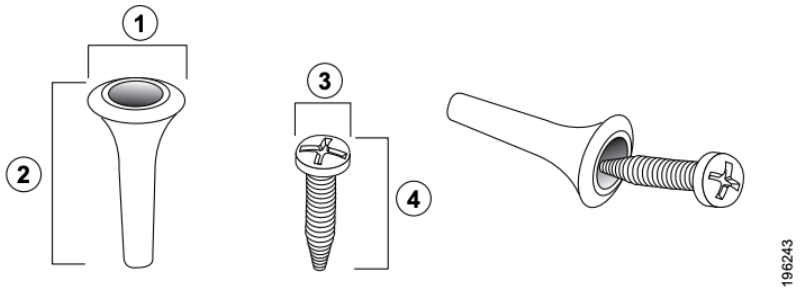
Safety Instructions - Rack Mount	The following or similar rack-mount instructions are included with the installation instructions.
	A) Elevated Operating Ambient - If installed in a closed or multi-rack assembly, the operating ambient temperature of the rack environment may be greater than room ambient. Therefore, consideration should be given to installing the equipment in an environment compatible with the maximum ambient temperature (Tma) specified by the manufacturer.
	B) Reduced Air Flow - Installation of the equipment in the rack should be such that the amount of air flow required for safe operation of the equipment is not compromised.
	C) Mechanical Loading - Mounting of the equipment in the rack should be such that a hazardous condition is not achieved due to uneven mechanical loading.
	D) Circuit Overloading - Consideration should be given to the connection of the equipment to the supply circuit and the effect that overloading of the circuits might have on overcurrent protection and supply wiring. Appropriate consideration of equipment nameplate ratings should be used when addressing these concerns.
	E) Reliable Earthing - Reliable Earthing of rack-mounted equipment should be maintained. Particular attention should be given to supply connections other than direct connections to the branch current (e.g. use of power strips)."

Wall-mount (Optional)



X.XX=	
SG110D-05, SF110D-05	1.7 in/43 mm
SF110D-08/08HP/16/16HP, SG110D-08/08HP	2.5 in/63 mm
SF110-16/24, SG110-16/16HP	3.7 in/94 mm

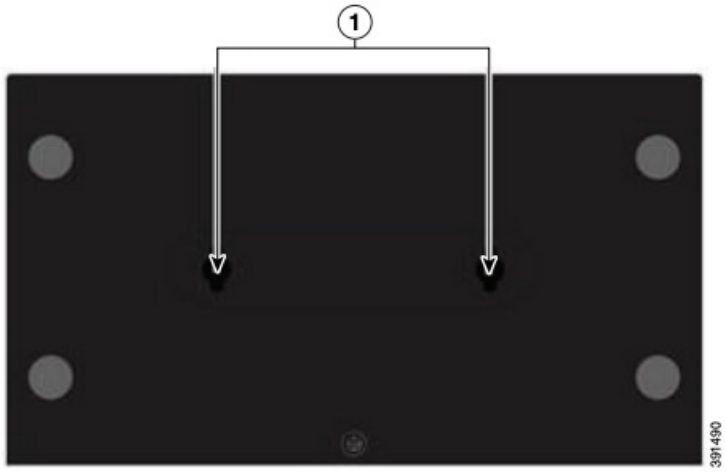
Wall-mount if needed (continued)



SF110D-05/08, SG110D-05, SF110D-16/16HP			
1=0.3 in/7.6 mm	2=0.6 in/15 mm	3=0.17 in/4.3 mm	4=0.6 in/15.7 mm
SF110D-08HP, SG110D-08/08HP			
1=0.3 in/7.7 mm	2=0.85 in/21.8 mm	3=0.25 in/6.5 mm	4=0.68 in/17.4 mm
SF110-16/24, SG110-16/16HP			
1=0.31 in/8 mm	2=0.87 in/22.2 mm	3=0.27 in/6.8 mm	4=0.62 in/17.6 mm

Wall Mount – Placement Options

To install the switch, either set it on its four rubber pads and place it on a flat surface, or mount it on a wall using the wallmount slots on the bottom panel of the switch.



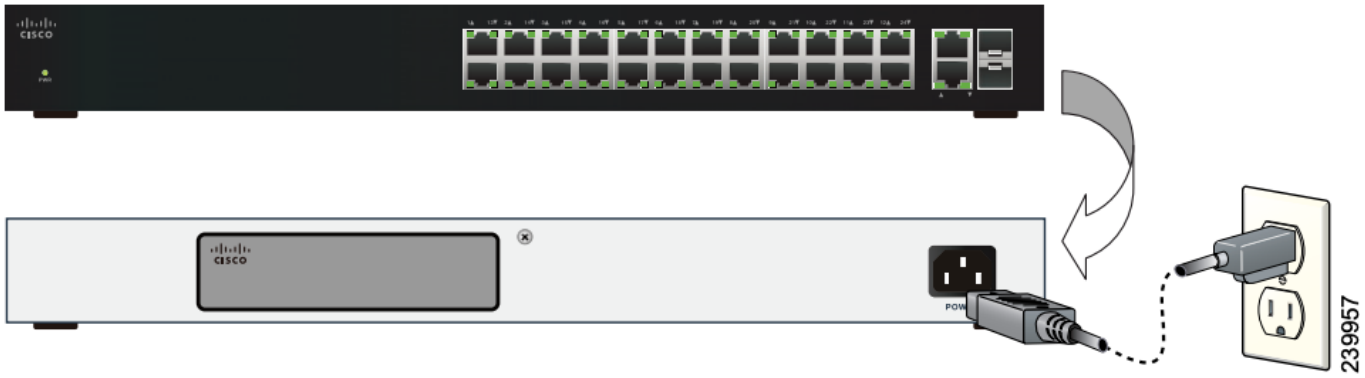
To use the wall mount option, follow these steps:

Step 1 : Attach two screws to the wall such that the wall-mount slots of the switch lineup with the two screws.

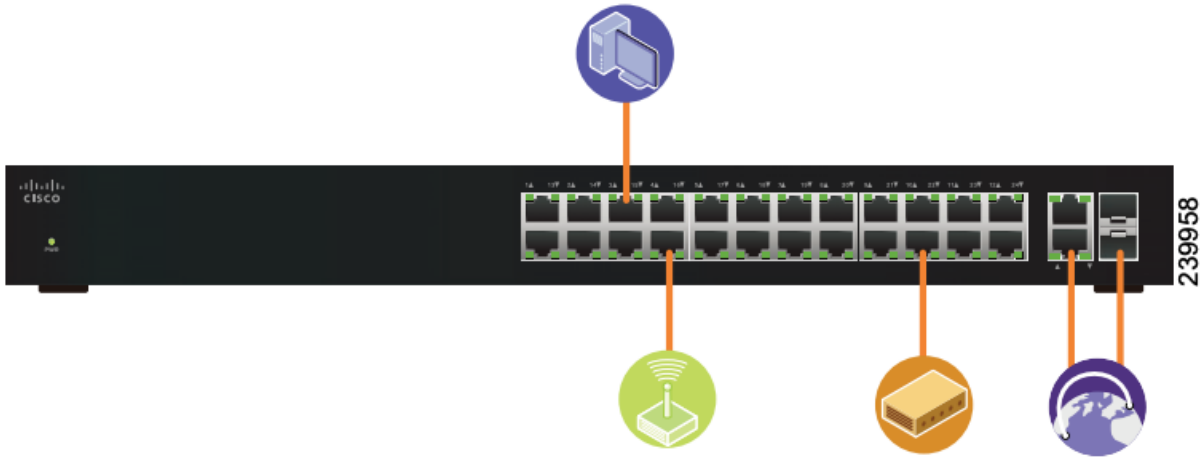
SF110D-05 – The screws should be 1.7 in (43 mm) apart.
SF110D-08 – The screws should be 2.5 in (63.5 mm) apart.
SF110D-16 – The screws should be 2.5 in (63.5 mm) apart.
The wall-mount slots are two criss-cross slots on the bottom panel of the switch.

Step 2: Maneuver the switch to insert the screws into the two wall-mount slots.

Power On Switch



Attach Devices



Ambient Temperature Ratings

Switch Model	Temperature Range
SF110D-05	32° to 122° F (0° to 50° C)
SF110D-08	32° to 122° F (0° to 50° C)
SF110D-08HP	32° to 122° F (0° to 50° C)
SF110-16	32° to 122° F (0° to 50° C)
SF110D-16	32° to 122° F (0° to 50° C)
SF110D-16HP	32° to 122° F (0° to 50° C)
SF110-24	32° to 122° F (0° to 50° C)
SF112-24	32° to 122° F (0° to 50° C)
SG110D-05	32° to 122° F (0° to 50° C)
SG110D-08	32° to 122° F (0° to 50° C)
SG110D-08HP	32° to 122° F (0° to 50° C)
SG110-16	32° to 122° F (0° to 50° C)
SG110-16HP	32° to 122° F (0° to 50° C)
SG110-24	32° to 122° F (0° to 50° C)

Switch Model	Temperature Range
SG110-24HP	32° to 113° F (0° to 45° C)
SG112-24	32° to 122° F (0° to 50° C)

Physical Cable Diagnostics

The 110 Series Unmanaged Switches have built-in diagnostics for cables which can detect cable issues upon connection to the port. It provides network integrity and can detect loops within the network when storm conditions are discovered. For best detection accuracy, please use a minimum cable length of 10 meters (~30 feet).

Cable Diagnostic Output

- Physical cable fault enables amber LED continuously
- Loop detection will enable periodic amber LED blinking

Procedure

STEP 1 Ensure that the switch is powered on..

STEP 2 With the suspected cable connected to the switch, look at the pertinent interface's LED outputs. A solid amber LED indicates a cable fault or open end. A blinking amber LED indicates a loop.

For More Information

110 Series Unmanaged Switches:
www.cisco.com/go/110switches

Regulatory, Compliance, and Safety Information:
www.cisco.com/go/110switches

Click on the Resources tab, and scroll down to Technical Documentation.

End User License Agreement:
www.cisco.com/go/eula

Warranty Information:
www.cisco-warrantyfinder.com

EU lot 26 related test result
www.cisco.com/go/eu-lot26-results

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78-100337-01

Documents / Resources

	CISCO 110 Series Unmanaged Switches [pdf] User Guide 110 Series Unmanaged Switches, 110 Series, Unmanaged Switches, Switches

References

- Connect Dots
- Networking, Cloud, and Cybersecurity Solutions - Cisco
- Small Business TAC Contacts - Cisco

- Cisco Small Business 100 Series Unmanaged Switches - Retirement Notification - Cisco
- Cisco Customer Contract Experience - Cisco
- Small Business TAC Contacts - Cisco
- Cisco Trademarks - Cisco
- Manual-Hub.com - Free PDF manuals!
- User Manual