



Regulatory Compliance and Safety Information—

- , on page 2
- **Statement 191**—Voluntary Control Council for Interference (VCCI) Class A Warning for Japan, on page 2
- **Statement 256**—Class A Warning for Hungary, on page 2
- **Statement 257**—Class A Notice for Taiwan and Other Traditional Chinese Markets, on page 3
- **Statement 294**—Class A Warning for Korea, on page 3
- **Statement 340**—Class A Warning for CISPR22/EN55022/CISPR32/EN55032, on page 3
- **Statement 371**—Power Cable and AC Adapter, on page 3
- **Statement 1005**—Circuit Breaker, on page 4
- **Statement 1006**—Chassis Warning for Rack-Mounting and Servicing, on page 4
- **Statement 1015**—Battery Handling, on page 4
- **Statement 1017**—Restricted Area, on page 5
- **Statement 1019**—Main Disconnecting Device, on page 5
- **Statement 1022**—Disconnect Device, on page 5
- **Statement 1024**—Ground Conductor, on page 5
- **Statement 1028**—More Than One Power Supply, on page 5
- **Statement 1029**—Blank Faceplates and Cover Panels, on page 6
- **Statement 1030**—Equipment Installation, on page 6
- **Statement 1045**—Short-Circuit Protection, on page 6
- **Statement 1047**—Overheating Prevention, on page 6
- **Statement 1051**—Laser Radiation, on page 6
- **Statement 1055**—Class 1/1M Laser, on page 7
- **Statement 1056**—Unterminated Fiber Cable, on page 7
- **Statement 1071**—Warning Definition, on page 8
- **Statement 1074**—Comply with Local and National Electrical Codes, on page 8
- **Statement 1255**—Laser Compliance Statement, on page 8
- **Statement 2017**—Class A Notice for FCC, on page 9
- **Statement 2021**—Class A Notice for Canada, on page 9
- **Statement 6000**—EU Battery and WEEE Directives, on page 9
- **Statement 6005**—California Perchlorate Contamination Prevention Act, on page 10
- **Statement 7001**—ESD Mitigation, on page 10

This document uses the following conventions:



Note Means *reader be careful*. In this situation, you might perform an action that could result in equipment damage or loss of data.



Warning **IMPORTANT SAFETY INSTRUCTIONS**

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Use the statement number provided at the end of each warning to locate its translation in the translated safety warnings that accompanied this device.

SAVE THESE INSTRUCTIONS



Warning Statements using this symbol are provided for additional information and to comply with regulatory and customer requirements.

Statement 191—Voluntary Control Council for Interference (VCCI) Class A Warning for Japan



Warning This is a Class A product based on the standard of the VCCI Council. If this equipment is used in a domestic environment, radio interference may occur, in which case, you may be required to take corrective actions.

Statement 256—Class A Warning for Hungary



Warning This equipment is a class A product and should be used and installed properly according to the Hungarian EMC Class A requirements (MSZEN55022). Class A equipment is designed for typical commercial establishments for which special conditions of installation and protection distance are used.

Statement 257—Class A Notice for Taiwan and Other Traditional Chinese Markets

**Warning**

This is a Class A information product. When used in residential environment, it may cause radio frequency interference. Under such circumstances, you may be requested to take appropriate countermeasures.

Statement 294—Class A Warning for Korea

**Warning**

This is a Class A device and is registered for electromagnetic compatibility (EMC) requirements for industrial use. The seller or buyer should be aware of this. If this type was sold or purchased by mistake, it should be replaced with a residential-use type.

Statement 340—Class A Warning for CISPR22/EN55022/CISPR32/EN55032

**Warning**

This is a class A product. In a domestic environment this product may cause radio interference in which case you may be required to take adequate measures.

Statement 371—Power Cable and AC Adapter

**Warning**

When installing the product, use the provided or designated connection cables, power cables, AC adapters, and batteries. Using any other cables or adapters could cause a malfunction or a fire. Electrical Appliance and Material Safety Law prohibits the use of UL-certified cables (that have the "UL" or "CSA" shown on the cord), not regulated with the subject law by showing "PSE" on the cord, for any other electrical devices than products designated by Cisco.

Statement 1005—Circuit Breaker

**Warning**

This product relies on the building's installation for short-circuit (overcurrent) protection. To reduce risk of electric shock or fire, ensure that the protective device is rated not greater than:

20 A

Statement 1006—Chassis Warning for Rack-Mounting and Servicing

**Warning**

To prevent bodily injury when mounting or servicing this unit in a rack, you must take special precautions to ensure that the system remains stable. The following guidelines are provided to ensure your safety:

- This unit should be mounted at the bottom of the rack if it is the only unit in the rack.
- When mounting this unit in a partially filled rack, load the rack from the bottom to the top with the heaviest component at the bottom of the rack.
- If the rack is provided with stabilizing devices, install the stabilizers before mounting or servicing the unit in the rack.

Statement 1015—Battery Handling

**Warning**

To reduce risk of fire, explosion, or leakage of flammable liquid or gas:

- Replace the battery only with the same or equivalent type recommended by the manufacturer.
- Do not dismantle, crush, puncture, use sharp tool to remove, short external contacts, or dispose of the battery in fire.
- Do not use if battery is warped or swollen.
- Do not store or use battery in a temperature $> 131^{\circ}\text{F}$ or 55°C .

Statement 1017—Restricted Area

**Warning**

This unit is intended for installation in restricted access areas. A restricted access area can be accessed by skilled, instructed, or qualified personnel.

Statement 1019—Main Disconnecting Device

**Warning**

The plug-socket combination must be accessible at all times, because it serves as the main disconnecting device.

Statement 1022—Disconnect Device

**Warning**

To reduce risk of electric shock and fire, a readily accessible two-poled disconnect device must be incorporated in the fixed wiring.

Statement 1024—Ground Conductor

**Warning**

This equipment must be grounded. To reduce the risk of electric shock, never defeat the ground conductor or operate the equipment in the absence of a suitably installed ground conductor. Contact the appropriate electrical inspection authority or an electrician if you are uncertain that suitable grounding is available.

Statement 1028—More Than One Power Supply

**Warning**

This unit might have more than one power supply connection. To reduce risk of electric shock, all connections must be removed to de-energize the unit.



Statement 1029—Blank Faceplates and Cover Panels

**Warning**

Blank faceplates and cover panels serve three important functions: they reduce the risk of electric shock and fire; they contain electromagnetic interference (EMI) that might disrupt other equipment; and they direct the flow of cooling air through the chassis. Do not operate the system unless all cards, faceplates, front covers, and rear covers are in place.

Statement 1030—Equipment Installation

**Warning**

Only trained and qualified personnel should be allowed to install, replace, or service this equipment.

Statement 1045—Short-Circuit Protection

**Warning**

This product requires short-circuit (overcurrent) protection to be provided as part of the building installation. Install only in accordance with national and local wiring regulations.

Statement 1047—Overheating Prevention

**Warning**

To reduce the risk of fire or bodily injury, do not operate the unit in an area that exceeds the maximum recommended ambient temperature of: 35 degrees C

Statement 1051—Laser Radiation

**Warning**

Invisible laser radiation may be emitted from disconnected fibers or connectors. Do not stare into beams or view directly with optical instruments.

Statement 1055—Class 1/1M Laser



Warning Invisible laser radiation is present. Do not expose to users of telescopic optics. This applies to Class 1/1M laser products.



Statement 1056—Unterminated Fiber Cable



Warning Invisible laser radiation may be emitted from the end of the unterminated fiber cable or connector. Do not view directly with optical instruments. Viewing the laser output with certain optical instruments, for example, eye loupes, magnifiers, and microscopes, within a distance of 100 mm may pose an eye hazard.

Fiber type and Core diameter (μm)	Wavelength (nm)	Max. Power (mW)	Beam divergence (rad)
SM 11	1200 - 1400	39 - 50	0.1 - 0.11
MM 62.5	1200 - 1400	150	0.18 NA
MM 50	1200 - 1400	135	0.17 NA
SM 11	1400 - 1600	112 - 145	0.11 - 0.13

349377

Statement 1071—Warning Definition



Warning

IMPORTANT SAFETY INSTRUCTIONS

Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. Read the installation instructions before using, installing, or connecting the system to the power source. Use the statement number provided at the end of each warning statement to locate its translation in the translated safety warnings for this device.

SAVE THESE INSTRUCTIONS



Statement 1074—Comply with Local and National Electrical Codes



Warning

To reduce risk of electric shock or fire, installation of the equipment must comply with local and national electrical codes.

Statement 1255—Laser Compliance Statement



Warning

Pluggable optical modules comply with IEC 60825-1 Ed. 3 and 21 CFR 1040.10 and 1040.11 with or without exception for conformance with IEC 60825-1 Ed. 3 as described in Laser Notice No. 56, dated May 8, 2019.

Statement 2017—Class A Notice for FCC

Modifying the equipment without Cisco's authorization may result in the equipment no longer complying with FCC requirements for Class A digital devices. In that event, your right to use the equipment may be limited by FCC regulations, and you may be required to correct any interference to radio or television communications at your own expense.

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case users are required to correct the interference at their own expense.

Statement 2021—Class A Notice for Canada

This Class A digital apparatus complies with Canadian ICES-003.

Statement 6000—EU Battery and WEEE Directives

**Warning**

Your Cisco product may contain a user replaceable battery or a permanently affixed battery as indicated in the user manual. For product safety and data integrity reasons a permanently affixed battery should only be removed or replaced professionally by a repair technician or waste management professional. Contact Cisco or an authorized service agent if the product fails to perform due to malfunction of the permanently affixed battery.

This symbol on a Cisco product, battery, or packaging means that the product and/or battery should not be disposed of with your household waste.

It is your responsibility to dispose of your waste equipment and batteries separately from your household waste and in accordance with local laws and regulations. The correct disposal of your old equipment and batteries helps prevent potential negative consequences for the environment and human health.

Use the nearest waste collection facility as directed by your municipality or your retailer.



Statement 6005—California Perchlorate Contamination Prevention Act

The battery inside this product might contain perchlorate, a known hazardous substance, so special handling and disposal of this product might be necessary. For more information about perchlorate and best management practices for perchlorate-containing substances, see

<http://www.dtsc.ca.gov/HazardousWaste/Perchlorate/index.cfm>.

Statement 7001—ESD Mitigation

This equipment may be ESD sensitive. Always use an ESD ankle or wrist strap before handling equipment. Connect the equipment end of the ESD strap to an unfinished surface of the equipment chassis or to the ESD jack on the equipment if provided.
