



System Specifications

- [Environmental Specifications, on page 1](#)
- [Switch Dimensions, on page 1](#)
- [Switch and Module Weights and Quantities, on page 2](#)
- [Transceiver and Cable Specifications, on page 2](#)
- [Switch Power Input Requirements, on page 2](#)
- [Power Specifications, on page 3](#)
- [Power Cable Specifications, on page 4](#)
- [Regulatory Standards Compliance Specifications, on page 8](#)

Environmental Specifications

| Environment | | Specification |
|-------------------|-------------------------------|--------------------------------------|
| Temperature | Ambient operating temperature | 32 to 104°F (0 to 40°C) |
| | Ambient nonoperating | −40 to 158°F (−40 to 70°C) |
| Relative humidity | Nonoperating | 5 to 95% |
| | Operating | 5 to 90% |
| Altitude | Operating | 0 to 13,123 feet (0 to 4,000 meters) |

Switch Dimensions

| Switch | Width | Depth | Height |
|----------------------|-------------------------|------------------------|------------------------------|
| Cisco Nexus 9364C-GX | 17.41 inches (44.23 cm) | 22.59 inches (57.4 cm) | 3.39 inches (8.61 cm) (2 RU) |

Switch and Module Weights and Quantities

| Component | Weight per Unit | Quantity |
|---|-------------------|---|
| Cisco Nexus 9364C-GX Chassis (N9K-C9364C-GX) | 29.2 lb (13.2 kg) | 1 |
| Fan Module | — | 4 |
| – Port-side exhaust (blue) (NXA-FAN-160CFM2-PE) | 1.3 lb (0.59 kg) | |
| – Port-side intake (burgundy) (NXA-FAN-160CFM2-PI) | 1.3 lb (0.59 kg) | |
| Power Supply module | — | 2 (1 for operations and 1 for redundancy) |
| – 2000-W AC port-side exhaust (blue) (NXA-PAC-2KW-PE) | 2.64 lb (1.2 kg) | |
| – 2000-W AC port-side intake (burgundy) (NXA-PAC-2KW-PI) | 2.64 lb (1.2 kg) | |
| – 2000-W HVAC/HVDC port-side intake (burgundy) (NXA-PHV-2KW-PI) | 2.42 lb (1.1 kg) | |
| – 2000-W DC port-side exhaust (blue) (NXA-PDC-2KW-PE) | 2.42 lb (1.1 kg) | |
| – 2000-W DC port-side intake (burgundy) (NXA-PDC-2KW-PI) | 2.42 lb (1.1 kg) | |

Transceiver and Cable Specifications

To see the transceiver specifications and installation information, see <https://www.cisco.com/c/en/us/support/interfaces-modules/transceiver-modules/products-device-support-tables-list.html>.

Switch Power Input Requirements

The following table lists the typical amount of power that the switch consumes. It also lists the maximum amount of power that you must provision for the switch and power supply for peak conditions.



Note Some power supplies have capabilities that are greater than the maximum power requirements for a switch. To determine the power consumption characteristics for the switch, use the typical and maximum requirements that are listed in the following table.

| Switch | Typical Power Consumption (AC or DC) | Maximum Power Consumption (AC or DC) | Heat Dissipation Requirement |
|----------------------|--------------------------------------|--------------------------------------|------------------------------|
| Cisco Nexus 9364C-GX | 811 W | 1622 W | 5534.494 BTUs per hour |

Power Specifications

Power specifications include the specifications for each type of power supply module.

2000-W AC Power Supply Specifications

These specifications apply to the NXA-PAC-2KW power supplies.

| Property | Specification |
|------------------|--|
| Power | 2000 W |
| Input Voltage | 200-240 VAC, 12A, 50/60 Hz or -48 to -60Vdc, 55A or 200-277 VAC, 12A, 50/60Hz or 240V-380VDC, 12A |
| Frequency | 50 to 60 Hz |
| Efficiency | 90% or greater (20 to 100% load) |
| Redundancy Modes | Combined, $n+1$, and $n+n$ |
| RoHS Compliance | Yes |
| Hot Swappable | Yes |

2000-W HVAC/HVDC Power Supply Specifications

These specifications apply to the NXA-PHV-2KW power supplies.

| Property | Specification |
|------------------|-------------------------------------|
| Power | 2000 W |
| Input Voltage | 180 to 305 VAC or 192 to 400 VDC |
| Frequency | 50 to 60 Hz |
| Efficiency | 90% or greater (20 to 100% load) |
| Redundancy Modes | Combined, $n+1$, and $n+n$ |
| RoHS Compliance | Yes |
| Hot Swappable | Yes |

2000-W DC Power Supply Specifications

These specifications apply to the NXA-PDC-2KW power supplies.

| Property | Specification |
|------------------|---|
| Power | 2000 W |
| Input Voltage | Minimum to Maximum: -40 to -70 VDC Nominal: -48 to -60 VDC |
| Frequency | - |
| Efficiency | 90% or greater (20 to 100% load) |
| Redundancy Modes | Combined, $n+1$, and $n+n$ |
| RoHS Compliance | Yes |
| Hot Swappable | Yes |

Power Cable Specifications

The following sections specify the power cables that you can order and use with this switch.

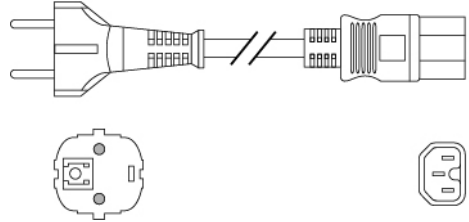
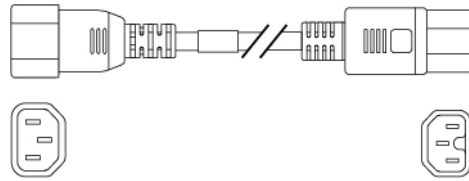

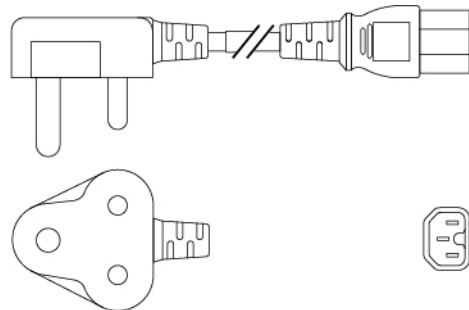
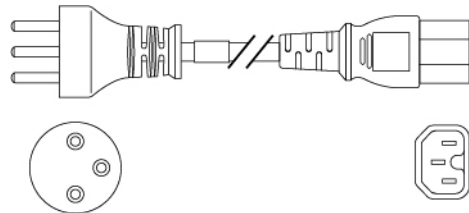
Power Cable Specifications for AC Power Supplies

| Locale | Power Cord Part Number | Cord Set Description |
|----------------|------------------------|--|
| | CAB-C13-C14-2M | Power Cord Jumper, C13-C14 Connectors, 6.6 feet (2.0 m) |
| | CAB-C13-CBN | Cabinet jumper power cord, 250 VAC, 10 A, C14-C13 connectors, 2.3 feet (0.7 m) |
| Argentina | CAB-250V-10A-AR | 250 V, 10 A, 8.2 feet (2.5 m) |
| Australia | CAB-9K10A-AU | 250 VAC, 10 A, 3112 plug, 8.2 feet (2.5 m) |
| Brazil | CAB-250V-10A-BR | 250 V, 10 A, 6.9 feet (2.1 m) |
| European Union | CAB-9K10A-EU | 250 VAC, 10 A, CEE 7/7 plug, 8.2 feet (2.5 m) |
| India | CAB-IND-10A | 10 A, 8.2 feet (2.5 m) |
| India | CAB-C13-C14-2M-IN | Power Cord Jumper, C13-C14 Connectors, 6.6 feet (2.0 m) |
| India | CAB-C13-C14-3M-IN | Power Cord Jumper, C13-C14 Connectors, 9.8 feet (3.0 m) |
| Israel | CAB-250V-10A-IS | 250 V, 10 A, 8.2 feet (2.5 m) |
| Italy | CAB-9K10A-IT | 250 VAC, 10 A, CEI 23-16/VII plug, 8.2 feet (2.5 m) |

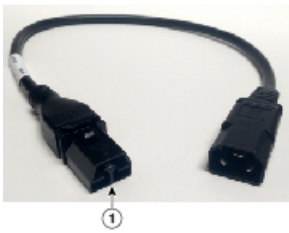
| Locale | Power Cord Part Number | Cord Set Description |
|---|------------------------|---|
| Japan | CAB-C13-C14-2M-JP | Power Cord Jumper, C13-C14 Connectors, 6.6 feet (2.0 m) |
| North America | CAB-9K12A-NA | 125 VAC, 13 A, NEMA 5-15 plug, 8.2 feet (2.5 m) |
| North America | CAB-AC-L620-C13 | NEMA L6-20-C13, 6.6 feet (2.0 m) |
| North America | CAB-N5K6A-NA | 200/240V, 6A, 8.2 feet (2.5 m) |
| Peoples Republic of China | CAB-250V-10A-CN | 250 V, 10 A, 8.2 feet (2.5 m) |
| South Africa | CAB-250V-10A-ID | 250 V, 10 A, 8.2 feet (2.5 m) |
| Switzerland | CAB-9K10A-SW | 250 VAC, 10 A, MP232 plug, 8.2 feet (2.5 m) |
| United Kingdom | CAB-9K10A-UK | 250 VAC, 10 A, BS1363 plug (13 A fuse), 8.2 (2.5 m) |
| All except Argentina, Brazil, and Japan | NO-POWER-CORD | No power cord included with switch |

Power Cables for NXA-PAC-2KW Power Supplies

| Cable | Description | Illustration |
|----------------|--------------------------------------|--------------|
| CAB-TA-NA | North America AC Type A Power Cable | |
| CAB-TA-UK | United Kingdom AC Type A Power Cable | |
| CAB-TA-250V-JP | Japan 250V AC Type A Power Cable | |

| Cable | Description | Illustration |
|--------------|--|--|
| CAB-TA-EU | Europe AC Type A Power Cable |  |
| CAB-C15-CBN | Cabinet Jumper Power Cord, 250 VAC 13A, C14-C15 Connectors |  |
| CAB-ACBZ-12A | AC Power Cord (Brazil) 12A/125V BR-3-20 plug up to 12A |  |
| CAB-TA-IN | India AC Type A Power Cable |  |
| CAB-TA-IS | Israel AC Type A Power Cable |  |

HVAC/HVDC Power Cables Supported by ACI-Mode and NX-OS Mode Switches

| Part Number | Cord Set Description | Photo |
|------------------|---|--|
| CAB-HVAC-SD-0.6M | HVAC 2-foot (0.6 m) cable with Saf-D-Grid and SD connectors 277V AC |  |




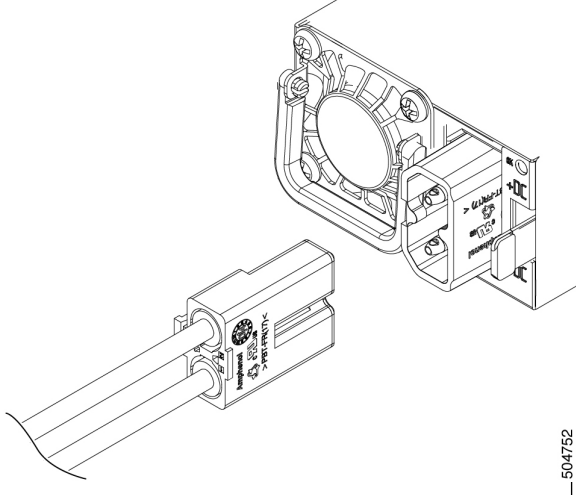
| Part Number | Cord Set Description | Photo |
|------------------|--|--|
| CAB-HVAC-C14-2M | HVAC 6.6-foot (2.0 m) cable with Saf-D-Grid and C14 (use for up to 240 V) connector 250V AC |  |
| CAB-HVAC-RT-0.6M | HVAC 2-foot (0.6 m) cable with Saf-D-Grid and RT connector 277V AC |  |
| CAB-HVDC-3T-2M | HVDC 6.6-foot (2.0 m) cable with Saf-D-Grid and three terminal connectors 300V AC / 400V DC (+200/-200 V DC) |  |
| NO-POWER-CORD | All except Argentina, Brazil, and Japan No power cord included with switch | Not applicable |

Table 1: HVAC/HVDC Power Cables Callout Table

| | |
|---|--|
| 1 | Connect this end to the power supply unit. |
|---|--|

DC Power Cable Specifications

| Part ID Number | Description | Photo |
|-------------------|---|--|
| NXA-PDC-2KW-PE/PI | The 2000W DC power supply (NXA-PDC-2KW-PE/PI) is not shipped with a connector. You must purchase the cable (PWR-2KW-DC-CBL) separately. |  |

Regulatory Standards Compliance Specifications

The following table lists the regulatory standards compliance for the switch.

Table 2: Regulatory Standards Compliance: Safety and EMC

| Specification | Description |
|-----------------------|---|
| Regulatory compliance | Products should comply with CE Markings according to directives 2004/108/EC and 2006/95/EC. |
| Safety | <ul style="list-style-type: none"> • CAN/CSA-C22.2 No. 60950-1 Second Edition • CAN/CSA-C22.2 No. 62368-1-19 Third Edition • ANZI/UL 60950-1 Second edition • IEC 62368-1 • EN 62368-1 • AS/NZS 62368-1 • GB4943 • UL 62368-1 |

| Specification | Description |
|----------------|--|
| EMC: Emissions | <ul style="list-style-type: none">• 47CFR Part 15 (CFR 47) Class A• AS/NZS CISPR22 Class A• CISPR22 Class A• EN55022 Class A• ICES003 Class A• VCCI Class A• EN61000-3-2• EN61000-3-3• KN22 Class A• CNS13438 Class A |
| EMC: Immunity | <ul style="list-style-type: none">• EN55024• CISPR24• EN300386• KN 61000-4 series |
| RoHS | The product is RoH-6 compliant with exceptions for leaded-ball grid-array (BGA) balls and lead press-fit connectors. |

