



System Specifications

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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)
Humidity	Ambient operating	5 to 90%
	Ambient nonoperating	5 to 95%
Altitude	Ambient operating altitude	0 to 5,000 feet (0 to 1524 m)
	Ambient nonoperating	–1000 to 30,000 feet (–304 to 15,150 m)

Switch Dimensions

Switch Component	Height	Width	Depth
Cisco Nexus 9408 chassis	6.97 inches (17.7 cm) (4 RU)	17.3 inches (43.9 cm)	23.62 inches (59.99 cm)

Switch Component	Height	Width	Depth
Cisco Nexus 9400 Series Supervisor	6.73 inches (17.0942 cm)	1.16 inches (2.94 cm)	9.45 inches (24 cm)
Linecard (N9K-X9400-8D)	6.73 inches (17.0942 cm)	1.88 inches (4.77 cm)	9.45 inches (24 cm)
Linecard (N9K-X9400-16W)	6.73 inches (17.0942 cm)	1.88 inches (4.77 cm)	9.45 inches (24 cm)
Linecard (N9K-X9400-22L)	6.73 inches (17.0942 cm)	1.88 inches (4.77 cm)	9.45 inches (24 cm)
Switch Card (N9K-C9400-SW-GX2A)	4.88 inches (12.39 cm)	17.27 inches (43.86 cm)	15.39 inches (39 cm)
Fan (N9K-C9400-FAN-PI)	3.97 inches (10 cm)	3.09 inches (7.84 cm)	5.27 inches (13.38cm)

Switch and Module Weights

Component	Weight per Unit
Cisco Nexus 9408 Chassis (N9K-C9408)	121.25 lb (55 kg)
Cisco Nexus 9400 Series supervisor (N9K-C9400-SUP-A)	2.65 lb (1.2 kg)
Line Card	—
– N9K-X9400-8D	3.75 lb (1.7 kg)
– N9K-X9400-16W	4.12 lb (1.87 kg)
– N9K-X9400-22L	3.63 lb (1.65 kg)
Switch Card	—
– N9K-C9400-SW-GX2A	35.49 lb (16.1 kg)
Fan Module	—
– Port-side intake (burgundy) (N9K-C9400-FAN-PI)	1.35 lb (0.61 kg)
Power Supplies	—
– 2000-W AC port-side intake (burgundy) (NXA-PAC-2KW-PI)	2.42 lb (1.1 kg)
– 2000-W DC port-side intake (burgundy) (NXA-PDC-2KW-PI)	
– 2000-W HVAC/HVDC port-side intake (burgundy) (NXA-PHV-2KW-PI)	

2000-W AC Power Supply Specifications

These specifications apply to the following power supplies:

- NXA-PAC-2KW-PI

Property	Specification
Power	2000 W
Input Voltage	200-240 VAC, 12A, 50/60 Hz
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
Airflow Direction	Port-side intake airflow

2000-W DC Power Supply Specifications

These specifications apply to the following power supplies:

- NXA-PDC-2KW-PI

Property	Specification
Power	2000 W
Input Voltage	Minimum to Maximum: -40 to -72 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
Airflow Direction	Port-side intake airflow

2000-W HVAC/HVDC Power Supply Specifications

These specifications apply to the following power supplies:

- NXA-PHV-2KW-PI

Property	Specification
Power	2000 W
Input Voltage	100 to 127 VAC or 200 to 277 VAC or 240 to 380 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
Airflow Direction	Port-side intake airflow

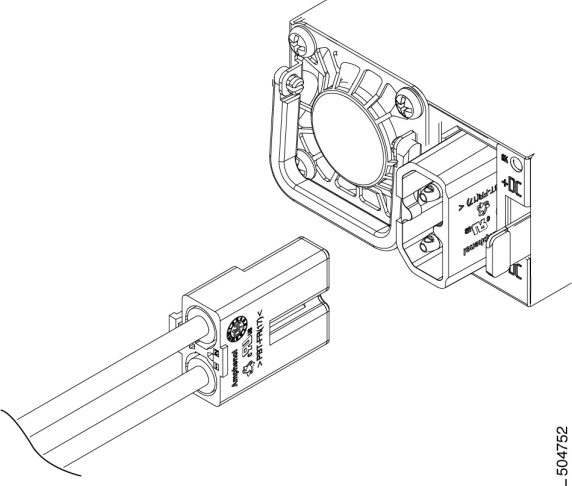
AC Power Cable Specifications

Cable	Description	Length
SFS-250V-10A-AR (Argentina)	250 VAC 10 A, IRAM 2073 plug	8.2 feet (2.5 m)
CAB-9K10A-AU (Australia)	250 VAC 10 A, 3112 plug	8.2 feet (2.5 m)
SFS-250V-10A-CN (China)	250 VAC 10 A, GB 2009 plug	8.2 feet (2.5 m)
CAB-9K10A-EU (Europe)	250 VAC 10 A, M 2511 plug	8.2 feet (2.5 m)
SFS-250V-10A-ID (South Africa, United Arab Emirates, and India)	250 VAC 16 A, EL-208 plug	8.2 feet (2.5 m)
SFS-250V-10A-IS (Israel)	250 VAC 10 A, SI-32 plug	8.2 feet (2.5 m)
CAB-9K10A-IT (Italy)	250 VAC 10 A, CEI 23-16 plug	8.2 feet (2.5 m)
CAB-9K10A-SW (Switzerland)	250 VAC 10 A, MP232 plug	8.2 feet (2.5 m)
CAB-9K10A-UK (United Kingdom)	250 VAC 10 A, BS1363 plug (13-A fuse)	8.2 feet (2.5 m)
CAB-AC-250V/13A (North America)	250 VAC 13 A, NEMA L6-20 plug	6.6 feet (2.0 m)
CAB-N5K6A-NA (North America)	250 VAC 10 A, NEMA 6-15 plug	8.2 feet (2.5 m)

Cable	Description	Length
CAB-9K12A-NA (North America)	125 VAC 13 A, NEMA 5-15 plug	8.2 feet (2.5 m)
CAB-C13-CBN	250 VAC 10 A, SS 10-A plug	8.2 feet (2.5 m)
CAB-C13-C14-2M	Cabinet Jumper Power Cord, 250 VAC 10 A, C13-C14 Connectors	6.6 feet (2 m)
CAB-C13-C14-AC	Cabinet Jumper Power Cord, 250 VAC 10 A, C13-C14 Connectors	9.8 feet (3 m)
CAB-C13-C14-JMPR	Cabinet Jumper Power Cord 250 VAC 13 A, C13-C14 Connectors	2.2 feet (0.7 m)
CAB-IND-10A	250 VAC 10 A, EL-208B plug	8.2 feet (2.5 m)

DC Power Cable Specifications

No DC power cable is shipped with this switch.

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.	

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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	
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.
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