



Technical Specifications

- [Technical Specifications, on page 1](#)
- [AC Power Cord Specifications, on page 2](#)
- [DC Power Cable Specifications, on page 6](#)

Technical Specifications

This table describes the environmental specifications.

Table 1: Environmental Specifications for the Switch

Environmental Ranges	
Operating temperature	<ul style="list-style-type: none"> • 32°F to 104°F (0 to 40°C) for 9500X switches with C9500X-FAN-1U-R¹ fans • -41°F to 95°F (-5°C to 35°C) for 9500X switches with C9500X-FAN-1U-F² fans
Storage temperature	<ul style="list-style-type: none"> • -40°F to 158° F (-40°C to 70°C)
Relative humidity	<ul style="list-style-type: none"> • Operating : 5 to 90% (noncondensing) • Non-Operating : 5% to 95% (noncondensing)
Operating altitude	Up to 6000 ft (1800 m)
Storage altitude	Up to 15,000 ft (4500 m)

¹ Front-to-back airflow

² Back-to-front airflow

Table 2: Acoustic Measurements for the Switches

Switch Model	Sound Power Level
C9500X-28C8D with C9500X-FAN-1U-R ³	No greater than 68.7 L _{WA} d dB

Switch Model	Sound Power Level
C9500X-28C8D with C9500X-FAN-1U-F ⁴	No greater than 69.9 L _{WAd} dB
C9500X-60L4D with C9500X-FAN-1U-R ⁵	No greater than 74.1 L _{WAd} dB
C9500X-60L4D with C9500X-FAN-1U-F ⁶	No greater than 78 L _{WAd} dB

³ Front-to-back airflow

⁴ Back-to-front airflow

⁵ Front-to-back airflow

⁶ Back-to-front airflow

This table describes the physical specifications.

Table 3: Physical Specifications for the Switch

Physical Specifications		
Dimensions (H x W x D)	1.73 x 17.5 x 21.8 in. (4.4 x 44.5 x 55.4 cm)	C9500X-28C8D
	1.73 x 17.5 x 21.8 in. (4.4 x 44.5 x 55.4 cm)	C9500X-60L4D
Rack units (RU)	1 RU	
Chassis with 2 power supplies and built-in fan	29.27 lbs (13.28 kg)	C9500X-28C8D
	28.0428 lbs (12.72 kg)	C9500X-60L4D

This table describes the power requirements.

Table 4: Power Requirements

Power Requirements		
Input Voltage	90 to 264 VAC	C9500X-60L4D
		C9500X-28C8D

For power supply specifications, refer the [Cisco Catalyst 9500 Series Switches Data Sheet](#).

AC Power Cord Specifications

The following table lists the specifications for the AC power cords that are available for the AC-input power supplies. The table also includes references to power cord illustrations.



Note • The power cords for C9500X have an IEC60320/C21 appliance connector at one end.

Figure 1: IEC60320/C21 Appliance Connector

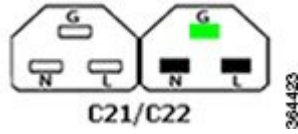
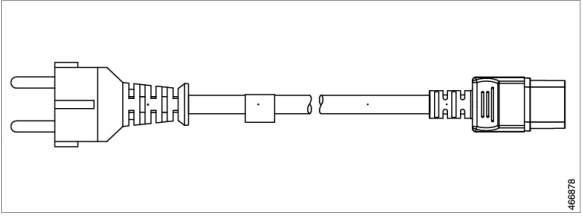
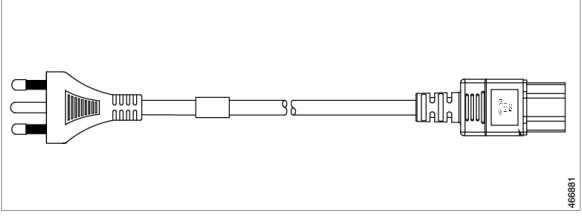
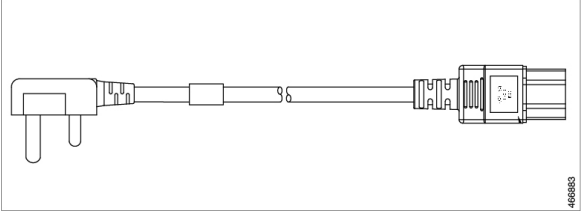
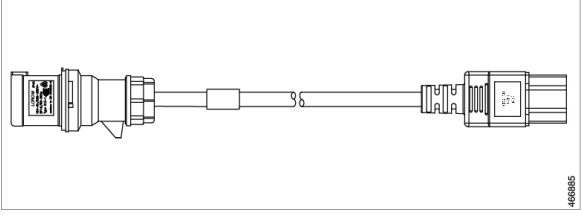
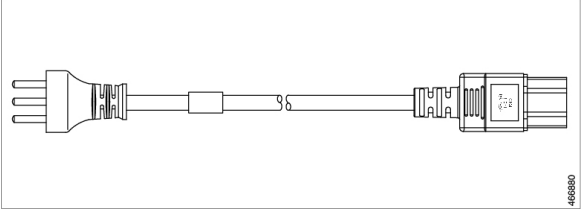
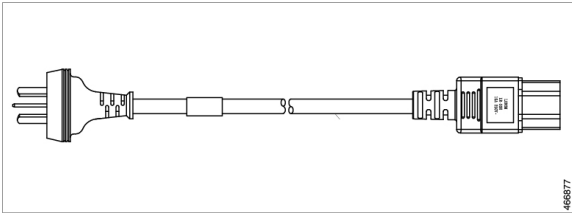
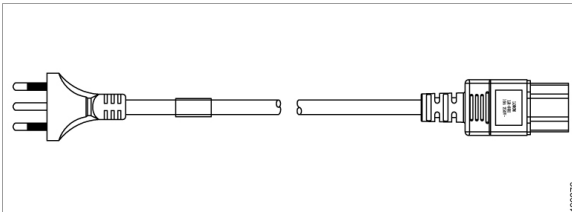
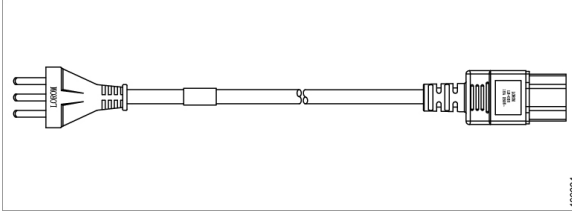
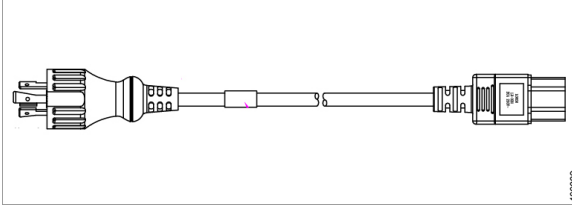
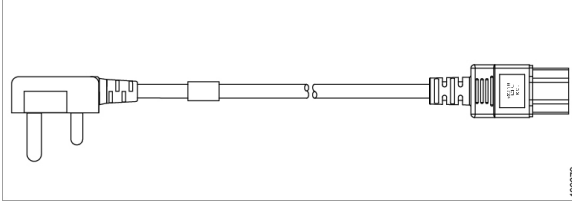
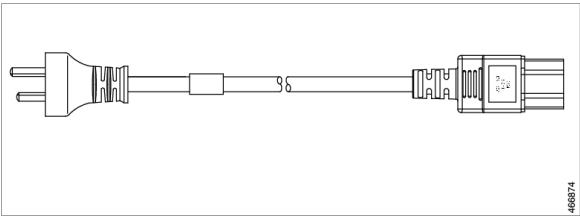


Table 5: AC Power Cords for C9500X Series Switches

Locale	Part Number	Cordset Rating	Length	Plug Type
United States of America	PWR-CAB-AC-USA520	125 VAC, 20 A	4.25 m	<p>Figure 2: PWR-CAB-AC-USA520= (United States of America)</p>
United States of America	PWR-CAB-AC-USA	250 VAC, 20 A	4.25 m	<p>Figure 3: PWR-CAB-AC-USA= (United States of America)</p>
Australia	PWR-CAB-AC-AUS	250 VAC, 15 A	4.25 m	<p>Figure 4: PWR-CAB-AC-AUS= (Australia)</p>

Locale	Part Number	Cordset Rating	Length	Plug Type
Europe	PWR-CAB-AC-EU	250 VAC, 16 A	4.25 m	<p>Figure 5: PWR-CAB-AC-EU= (Europe)</p> 
Italy	PWR-CAB-AC-ITA	250 VAC, 16 A	4.25 m	<p>Figure 6: PWR-CAB-AC-ITA (Italy)</p> 
South Africa	PWR-CAB-AC-SA	250 VAC, 16 A	4.25 m	<p>Figure 7: PWR-CAB-AC-SA= (South Africa)</p> 
United Kingdom	PWR-CAB-AC-UK	250 VAC, 16 A	4.25 m	<p>Figure 8: PWR-CAB-AC-UK= (United Kingdom)</p> 
Israel	PWR-CAB-AC-ISRL	250 VAC, 16 A	4.25 m	<p>Figure 9: PWR-CAB-AC-ISRL= (Israel)</p> 

Locale	Part Number	Cordset Rating	Length	Plug Type
China	PWR-CAB-AC-CHN	250 VAC, 16 A	4.25 m	<p>Figure 10: PWR-CAB-AC-CHN= (China)</p> 
Brazil	PWR-CAB-AC-BRA	250 VAC, 16 A	4.25 m	<p>Figure 11: PWR-CAB-AC-BRA= (Brazil)</p> 
Switzerland	PWR-CAB-AC-SUI	250 VAC, 16 A	4.25 m	<p>Figure 12: PWR-CAB-AC-SUI= (Switzerland)</p> 
Japan	PWR-CAB-AC-JPN	250 VAC, 20 A	4.25 m	<p>Figure 13: CAB-TA-250V-JP= (Japan)</p> 
India	PWR-CAB-AC-IND	250 VAC, 16 A	4.25 m	<p>Figure 14: PWR-CAB-AC-IND= (India)</p> 

Locale	Part Number	Cordset Rating	Length	Plug Type
Argentina	PWR-CAB-AC-ARG	250 VAC, 16 A	4.25 m	<p><i>Figure 15: PWR-CAB-AC-ARG= (Argentina)</i></p> 

DC Power Cable Specifications

Figure 16: PWR-2KW-DC-CBL

