



## Technical Specifications

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## 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"> <li>• 32°F to 104°F (0 to 40°C) for 9500X switches with C9500X-FAN-1U-R<sup>1</sup> fans</li> <li>• -41°F to 95°F (-5°C to 35°C) for 9500X switches with C9500X-FAN-1U-F<sup>2</sup> fans</li> </ul>
Storage temperature	<ul style="list-style-type: none"> <li>• -40°F to 158° F (-40°C to 70°C)</li> </ul>
Relative humidity	<ul style="list-style-type: none"> <li>• Operating : 5 to 90% (noncondensing)</li> <li>• Non-Operating : 5% to 95% (noncondensing)</li> </ul>
Operating altitude	Up to 6000 ft (1800 m)
Storage altitude	Up to 15,000 ft (4500 m)

<sup>1</sup> Front-to-back airflow

<sup>2</sup> Back-to-front airflow

**Table 2: Acoustic Measurements for the Switches**

Switch Model	Sound Power Level
C9500X-28C8D with C9500X-FAN-1U-R <sup>3</sup>	No greater than 68.7 L <sub>WA</sub> d dB

Switch Model	Sound Power Level
C9500X-28C8D with C9500X-FAN-1U-F <sup>4</sup>	No greater than 69.9 L <sub>WAd</sub> dB
C9500X-60L4D with C9500X-FAN-1U-R <sup>5</sup>	No greater than 74.1 L <sub>WAd</sub> dB
C9500X-60L4D with C9500X-FAN-1U-F <sup>6</sup>	No greater than 78 L <sub>WAd</sub> dB

<sup>3</sup> Front-to-back airflow

<sup>4</sup> Back-to-front airflow

<sup>5</sup> Front-to-back airflow

<sup>6</sup> 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](#).

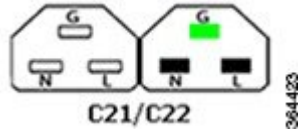
## AC Power Cord Specifications

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.



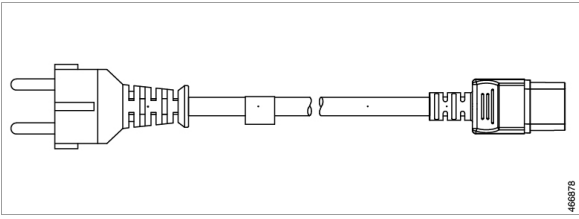
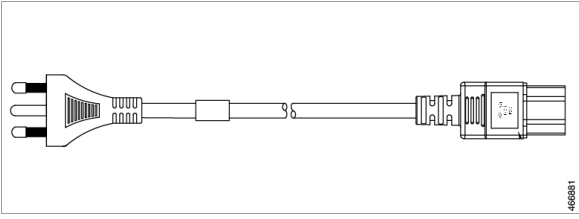
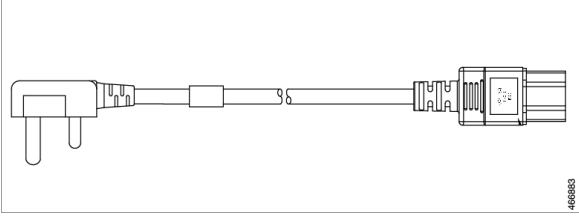
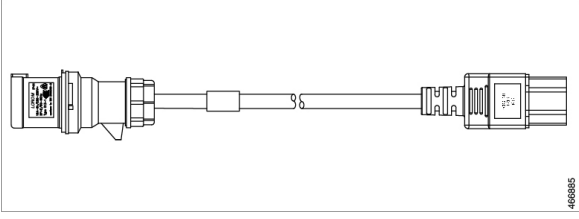
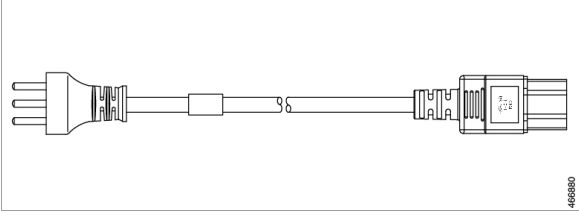
**Note** • The power cords for C9500X have an IEC60320/C21 appliance connector at one end.

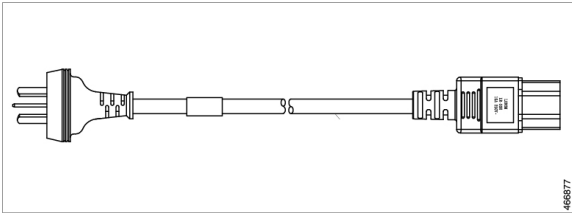
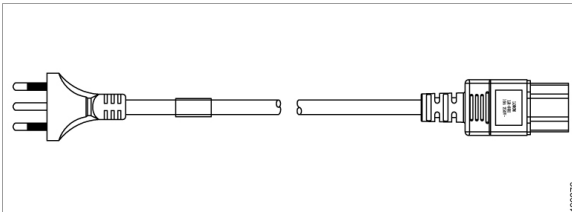
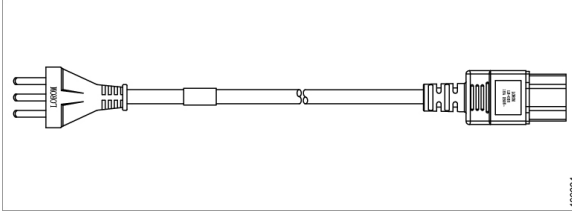
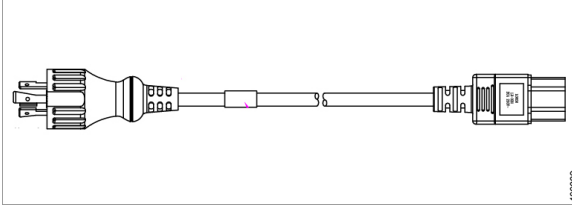
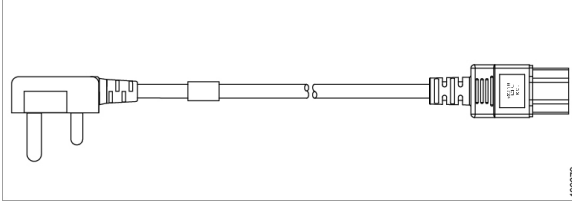
**Figure 1: IEC60320/C21 Appliance Connector**

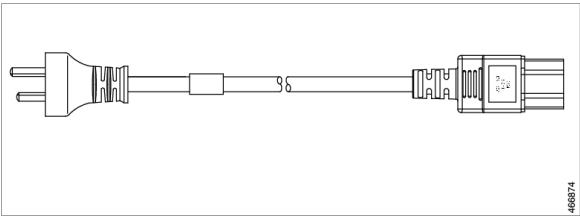


**Table 5: AC Power Cords for C9500X Series Switches**

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

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

Locale	Part Number	Cordset Rating	Length	Plug Type
China	PWR-CAB-AC-CHN	250 VAC, 16 A	4.25 m	<p><b>Figure 10: PWR-CAB-AC-CHN= (China)</b></p>  <p>466877</p>
Brazil	PWR-CAB-AC-BRA	250 VAC, 16 A	4.25 m	<p><b>Figure 11: PWR-CAB-AC-BRA= (Brazil)</b></p>  <p>466876</p>
Swiss	PWR-CAB-AC-SUI	250 VAC, 16 A	4.25 m	<p><b>Figure 12: PWR-CAB-AC-SUI= (Switzerland)</b></p>  <p>466884</p>
Japan	PWR-CAB-AC-JPN	250 VAC, 20 A	4.25 m	<p><b>Figure 13: CAB-TA-250V-JP= (Japan)</b></p>  <p>466882</p>
India	PWR-CAB-AC-IND	250 VAC, 16 A	4.25 m	<p><b>Figure 14: PWR-CAB-AC-IND= (India)</b></p>  <p>466879</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>  <p>466874</p>

## DC Power Cable Specifications

*Figure 16: PWR-2KW-DC-CBL*

