



# SLB Switch Specifications

Table A-1 describes the specifications for the Catalyst 4840G SLB switch.

*Table A-1 Catalyst 4840G SLB Switch Specifications*

Specification	Description
<b>Environmental</b>	
Temperature, ambient operating	32 to 104°F (0 to 40°C)
Temperature, ambient nonoperating and storage	-4 to 149°F (-20 to 65°C)
Humidity (RH), ambient (noncondensing) operating	10 to 90 percent
Humidity (RH), ambient (noncondensing) nonoperating and storage	5 to 95 percent
Altitude, operating and nonoperating	-60 to 2000 m
<b>Switching Components</b>	
Backplane	22-Gbps full duplex
Microprocessor	150-MHz R5000 RISC-Y2K compliant
CPU card memory	2 Kb of serial EEPROM 64 MB of SDRAM 16 MB of Flash onboard 128 KB of NVRAM 256 KB of boot ROM

Table A-1 Catalyst 4840G SLB Switch Specifications (continued)

Specification	Description
SLB card memory	128 MB of DRAM 256 KB of boot ROM 128 KB of NVRAM 2 Kb of serial EEPROM
Flash PC card memory	No Flash memory (Flash PC) card installed by default. Catalyst 4840G accepts 8-, 16-, or 32-MB Type II Flash PC cards
Data Memory	12 MB synchronous SRAM
<b>Physical Characteristics</b>	
Dimensions (H x W x D)	3.46 x 17.5 x 18.77 in. (8.8 x 44 x 47.7cm), 2 RUs <sup>1</sup> in height
Weight	22 lb (9.9 kg)
<b>AC Power</b>	
Power supply output	300W
System power dissipation	350W
AC current	4A maximum @ 100 VAC 2A maximum @ 240 VAC
AC frequency	50 to 60 Hz
KVA rating <sup>2</sup>	0.350 KVA
Airflow	Front, right, and left side in, rear out
<b>External Power Supply</b>	<b>WS-C4840-PSRACK-PS</b>
Fuse (F1) rating	20A, 250Vac, fast acting
<b>Standards Compliance</b>	
Compliance	CE Mark

Table A-1 Catalyst 4840G SLB Switch Specifications (continued)

Specification	Description
Safety	UL 1950 <sup>3</sup> , CSA-C22.2 No. 950 <sup>4</sup> , EN 60950 <sup>5</sup> , IEC 950 <sup>6</sup> , IEC 60825, EN 60825, 21 CFR 1040 <sup>7</sup>
EMI <sup>8</sup>	FCC Class A (CFR 47, part 15) <sup>9</sup> , ICES-003 Class A <sup>10</sup> , EN55022 Class A, CISPR22 <sup>11</sup> Class A, AS/NZS 3548 <sup>12</sup> Class A, and VCCI <sup>13</sup> Class A with UTP <sup>14</sup> cables EN55022 Class B, CISPR22 Class B, AS/NZS 3548 Class B, and VCCI Class B with FTP cables

1. RU = rack unit
2. KVA = kilo-volt-amperes
3. UL = Underwriters Laboratories
4. CSA = Canadian Standards Association
5. EN = European Norm
6. IEC = International Electrotechnical Commission
7. CFR = Code of Federal Regulations
8. EMI = electromagnetic interference
9. FCC = Federal Communications Commission
10. ICES = International Commerce Exchange Systems
11. CISPR = Comite Internations Special Des Perturbations Radioelectriques
12. AS/NZS = Australia/New Zealand Standards
13. VCCI = Voluntary Control Council for Information Technology Equipment
14. UTP = unshielded twisted-pair

