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Overview

Cisco Catalyst 6500 Ethernet Module - WS-X6824-SFP-2TXL Catalyst 6500 24-port GigE Mod: fabric-enabled with DFC4XL for Cisco 6500.

Quick Specs

Figure 1 shows the appearance of WS-X6824-SFP-2TXL.



Table 1 shows the 6800 Series Gigabit Ethernet Fiber and Copper Modules Primary Features.

Product	Transceiver Type	Ports/Interface/ Connectors	Port Density/ Chassis Model	Maximum Frame Size	Queues per Port (Tx = Transmit, Rx = Receive),**	Scheduler	Buffer Size per Port	Onboard Memory
WS-X6824-SFP-2T and WS-X6824-SFP-2TXL	Small Form-factor Pluggable (SFP)	24-port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector	<ul style="list-style-type: none"> ● 264 ports/6513E ● 192 ports/6509E 	Up to 9216 bytes/frame	<ul style="list-style-type: none"> ● Tx-1p3q8T ● Rx-2q8T 	DWRR	<ul style="list-style-type: none"> ● Rx-166KB ● Tx-1.17MB 	1GB Default

Get More Information

Do you have any question about the Cisco WS-X6824-SFP-2TXL?

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Specification

6800 Series 10 Gigabit Ethernet modules Specifications	
Standard protocols	IEEE 802.1d, IEEE 802.1p, IEEE 802.1q, IEEE 802.1s, IEEE 802.1w, IEEE 802.3x, IEEE 802.3ad, IEEE 802.3ae, IEEE 802.3ak, IEEE 802.3aq, and IEEE 802.3an
Physical specifications	<ul style="list-style-type: none"> ● Occupies one slot in the Cisco Catalyst 6500 E-Series chassis ● Dimensions (H x W x D): 1.2 x 14.4 x 16 in. (3.0 x 35.6 x 40.6 cm) ● Weight: <ul style="list-style-type: none"> ○ WS-X6816-10G-2T & 2TXL, WS-X6816-10T-2T & 2TXL: 13.6 pounds excluding X2 components; ¼ pound for each X2

Environmental conditions	<p>Operating temperature:</p> <ul style="list-style-type: none"> ● Agency-certified for operation: 32 to 104°F (0 to 40°C) ● Design and tested for operation 32 to 130°F (0 to 55°C) ● Storage temperature: -40 to 167°F (-40 to 75°C) ● Relative humidity: 10 to 90 percent, noncondensing <p>Operating altitude:</p> <ul style="list-style-type: none"> ● Agency-certified for operation: -500 to 6500 ft (-150 to 2000m) ● Designed and tested for operation -500 to 10000 ft (-150 to 3000m)
Regulatory compliance	<p>6800 Series 10 Gigabit Ethernet Copper module, when installed in a system, comply with the following EMC and safety standards:</p> <p>EMC Standards:</p> <ul style="list-style-type: none"> ● FCC Part 15 (CFR 47) Class A ● ICES-003 Class A ● VCCI Class A ● EN55022 Class A ● EN55024 ● CISPR24 ● CISPR 22 Class A ● AS/NZS CISPR 22 Class A ● ETS 300 386 ● KN 22 Class A ● EN 50082-1 ● EN61000-3-2 ● EN61000-3-3 ● EN61000-6-1 ● CNS13438 Class A ● KN6100 -4 Series <p>Safety Standards:</p> <ul style="list-style-type: none"> ● UL 60950-1 ● CAN/CSA C22.2 No. 60950 ● EN 60950-1 ● IEC 60950-1 ● AS/NZS 60950-1 ● IEC 60825 Class 1 ● EN 60825 Class 1 ● 21CFR 1040
NEBS criteria levels	SR-3580 Issue 3, June 2007 (GR-63-CORE, issue 3, and GR-1089-CORE, issue 4)
ETSI	<ul style="list-style-type: none"> ● ETS 300 019-2-1, Class 1.1 Storage ● ETS 300 019-2-2, Class 2.1 and 2.2 Transportation ● ETS 300 019-2-3, Class 3.1E Stationary Use
Network management	<ul style="list-style-type: none"> ● ETHERLIKE-MIB (RFC 1643) ● IF-MIB (RFC 1573) ● Bridge MIB (RFC 1493) ● CISCO-STACK-MIB ● CISCO-VTP-MIB ● CISCO-CDP-MIB ● RMON MIB (RFC 1757) ● CISCO-PAGP-MIB ● CISCO-STP-EXTENSIONS-MIB ● CISCO-VLAN-BRIDGE-MIB ● CISCO-VLAN-MEMBERSHIP-MIB ● ENTITY-MIB (RFC 2037) ● HC-RMON ● RFC1213-MIB (MIB-II) ● SMON-MIB
Power requirements	<ul style="list-style-type: none"> ● WS-X6816-10G-2T: 488.5 Watts ● WS-X6816-10G-2TXL: 503.5 Watts ● WS-X6816-10T-2T: 514.96 Watts ● WS-X6816-10T-2TXL: 529.96 Watts
Indicators	<ul style="list-style-type: none"> ● Status: green (operational), red (faulty), and orange (module booting) ● Link: green (port enabled and connected), orange (port disabled), and off (port enabled and not connected)

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