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## Overview

C6800-48P-SFP-XL is Cisco Catalyst 6800 48-port 1GE fiber module with integrated DFC4XL. This C6800-48P-SFP-XL is similar with the C6800-48P-SFP-XL=. The C6800-48P-SFP-XL= is a spare one.

### Quick Specs

Figure 1 shows the appearance of C6800-48P-SFP-XL.



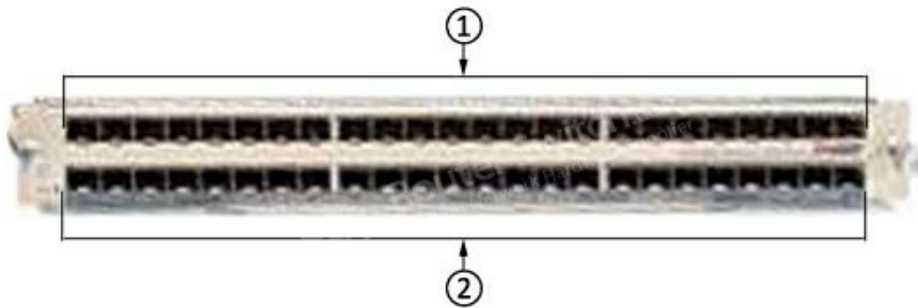
Table 1 shows the Quick Specs.

<b>Product Code</b>	C6800-48P-SFP-XL
<b>Product Type</b>	6800 Series 1 Gigabit Modules
<b>Port connector type</b>	LC (optical) or RJ-45 (copper) depending on the SFP transceiver installed
<b>Ports/Interface/Connectors</b>	48 port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector
<b>Port Density/Chassis Model</b>	·240 ports/ C6807-XL ·528 ports/ 6513E ·384 ports/ 6509E
<b>Backplane connection</b>	Connects to the switch fabric using dual full-duplex 20-Gbps switch fabric channels (40 Gbps total).
<b>Supervisor engine</b>	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.
<b>Chassis/slot support:</b>	Can occupy slots 1-2 and 5-7 in C6807-XL chassis. Can occupy any slots in Cisco Catalyst 6503E, 6504E, 6506E, 6509E, and 6509-V-E. Can occupy slots 1-6 and 9-13 in a Cisco Catalyst 6513-E.
<b>Distributed forwarding and performance</b>	Comes equipped with DFC4XL daughter cards, delivering optimal performance up to a sustained 60 Mpps for L2, IPv4 and MPLS forwarding and 30 Mpps for IPv6 forwarding.
<b>Maximum Frame Size</b>	Up to 9216 bytes/frame
<b>Queues per Port (Tx = Transmit, Rx = Receive)</b>	·Tx-1p3q8T ·Rx-2q8T
<b>Scheduler</b>	Deficit Weighted Round Robin (DWRR)

<b>Buffer Size per Port</b>	·Rx-166KB ·Tx-1.17MB
<b>Onboard Memory</b>	1GB Default
<b>Power Requirements</b>	334.44 and 339.44 Watts respectively
<b>Dimensions (H x W x D)</b>	1.2 x 14.4 x 16 in. (3.0 x 35.6 x 40.6 cm). Occupies one slot in the chassis.
<b>Weight</b>	8.70 lb (3.95 kg)

## Product Details

Figure 2 shows the front panel of C6800-48P-SFP-XL.



Note:

(1)	Odd numbered ports
(2)	Even numbered ports

## The Accessories

Table 2 shows the recommended elements for the C6800-48P-SFP-XL.

Category	Model	Description
GLC Options	<a href="#">GLC-BX-U</a>	1000BASE-BX SFP, 1310NM
	<a href="#">GLC-SX-MMD</a>	1000BASE-SX SFP transceiver module, MMF, 850nm, DOM
	<a href="#">GLC-LH-SMD</a>	1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM

## Compare to Similar Items

Table 3 shows the comparison of C6800-48P-SFP-XL and C6800-48P-TX.

Product Code	C6800-48P-SFP-XL=	<a href="#">C6800-48P-TX</a>
<b>Description</b>	48-port SFP fiber Gigabit Ethernet Module with DFC4XL	48-port Copper Gigabit Ethernet Module with DFC4
<b>Ports/Interface/Connectors</b>	48 port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector	48-port, RJ-45, 100m, Category 5 cable
<b>Maximum Frame Size</b>	Up to 9216 bytes/frame	Up to 9216 bytes/frame
<b>Queues per Port (Tx = Transmit, Rx = Receive)</b>	·Tx-1p3q8T ·Rx-2q8T	·Tx-1p3q8t; Rx-2q8t

<b>Buffer Size per Port</b>	·Rx-166KB ·Tx-1.17MB	·Rx-166KB ·Tx-1.17MB
<b>Power Requirements</b>	334.44 and 339.44 Watts respectively	405 and 410 Watts respectively
<b>Supervisor engine</b>	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.	Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL.

## Get more information

Do you have any question about the C6800-48P-SFP-XL?

Contact us now via [Live Chat](#) or [sales@router-switch.com](mailto:sales@router-switch.com).

## Specification

C6800-48P-SFP-XL Specification	
Dimensions (H x W x D)	1.2 x 14.4 x 16 in. (3.0 x 35.6 x 40.6 cm). Occupies one slot in the chassis.
Weight	8.70 lb (3.95 kg)
Operating temperature	Certified for operation: 32° to 104°F (0° to 40°C) Designed and tested for operation: 32° to 130°F (0° to 55°C)
Humidity (RH) ambient (noncondensing)	10 to 90 percent
Operating altitude	Certified for operation: 0 to 6500 ft (0 to 2000 m) Designed and tested for operation: -200 to 10,000 ft (-60 to 3000 m)

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