

C6800-48P-SFP Datasheet

[Get a Quote](#)

Overview

C6800-48P-SFP is Catalyst 6800 48-Port 1GE Fiber Module with Integrated DFC4. This C6800-48P-SFP is similar with the C6800-48P-SFP=. The C6800-48P-SFP= is a spare one.

Quick Specs

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



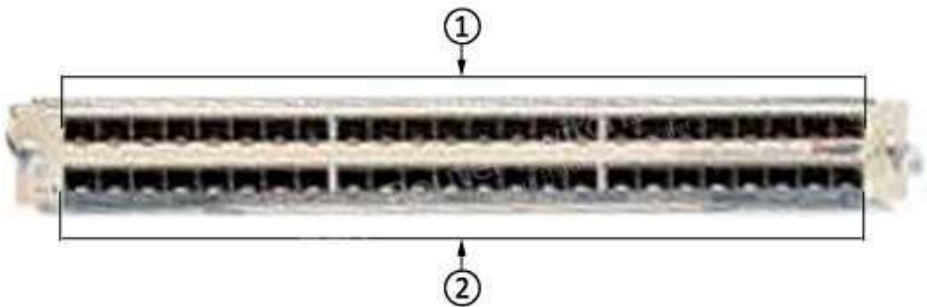
Table 1 shows the Quick Specs.

| Product Code | C6800-48P-SFP |
|---|--|
| Product Type | 6800 Series 1 Gigabit Modules |
| Port connector type | LC (optical) or RJ-45 (copper) depending on the SFP transceiver installed |
| Ports/Interface/Connectors | 48 port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector |
| Port Density/Chassis Model | .240 ports/ C6807-XL .528 ports/ 6513E .384 ports/ 6509E |
| Maximum Frame Size | Up to 9216 bytes/frame |
| Queues per Port (Tx = Transmit, Rx = Receive) | .Tx-1p3q8T .Rx-2q8T |
| Scheduler | Deficit Weighted Round Robin (DWRR) |
| Buffer Size per Port | .Rx-166KB .Tx-1.17MB |
| Onboard Memory | 1GB Default |
| Power Requirements | 334.44 and 339.44 Watts respectively |
| Backplane connection | Connects to the switch fabric using dual full-duplex 20-Gbps switch fabric channels (40 Gbps total). |

| | |
|--|--|
| Chassis/slot support | 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. |
| Supervisor engine | Compatible with Supervisor Engine 2T and Supervisor Engine 2TXL. |
| Distributed forwarding and performance | Comes equipped with DFC4 or DFC4XL daughter cards, delivering optimal performance up to a sustained 60 Mpps for L2, IPv4 and MPLS forwarding and 30 Mpps for IPv6 forwarding. |
| 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 | 9.03 lb (4.1 kg) |

Product Details

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



Note:

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

The Accessories

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

| Category | Model | Description |
|-------------|------------|---|
| GLC Options | GLC-BX-U | 1000BASE-BX SFP, 1310NM |
| | GLC-SX-MMD | 1000BASE-SX SFP transceiver module, MMF, 850nm, DOM |
| | GLC-LH-SMD | 1000BASE-LX/LH SFP transceiver module, MMF/SMF, 1310nm, DOM |

Compare to Similar Items

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

| | | |
|----------------------------|---|--|
| Product Code | C6800-48P-SFP | C6800-48P-TX |
| Description | 48-port SFP fiber Gigabit Ethernet Module with DFC4 | 48-port Copper Gigabit Ethernet Module with DFC4 |
| Ports/Interface/Connectors | 48 port; 1000BASE-SX, LX/LH, -ZX, -T; 1000BASE-CWDM; LC connector | 48-port, RJ-45, 100m, Category 5 cable |
| Maximum Frame Size | Up to 9216 bytes/frame | Up to 9216 bytes/frame |

| | | |
|---|--------------------------------------|--------------------------------|
| Queues per Port (Tx = Transmit, Rx = Receive) | ·Tx-1p3q8T ·Rx-2q8T | ·Tx-1p3q8t; Rx-2q8t |
| Buffer Size per Port | ·Rx-166KB ·Tx-1.17MB | ·Rx-166KB ·Tx-1.17MB |
| Power Requirements | 334.44 and 339.44 Watts respectively | 405 and 410 Watts respectively |

Get More Information

Do you have any question about the Cisco C6800-48P-SFP? Contact us now via [Live Chat](#) or sales@gntme.com.

Specification

| C6800-48P-SFP 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 | 9.03 lb (4.1 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) |


Want to Buy

[Order Now](#)


[Get a Quote](#)

Why Gntme.com


As a leading network hardware supplier, Gntme.com focuses on original new ICT equipment of [Cisco](#), [Huawei](#), [HPE](#), [Dell](#), [Hikvision](#), [Juniper](#), [Fortinet](#), etc.




200+
Countries we Sold




18,000+
Customers Trusted



\$20,000,000
Inventory Available



50%-98%
Off Global List Price



100%
Safe Online Shopping

Contact Us

Email:- sales@gntme.com

Contact:- +971 4 2409 998

WhatsApp:- +971503841786

Skype:- [imrank211](https://www.skype.com/user/imrank211)