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Overview

WS-X6748-SFP is 48-port SFP Gigabit Ethernet interface module for 6500 series. The Module are ideal for Gigabit Ethernet over fiber to Gigabit uplinks, aggregation of high-density 10/100 interfaces, Metro Ethernet, backbone and server farm or data center connections. WS-X6748-SFP interface module can equipped with WS-F6700-DFC3 daughter card to support dCEF (distributed forwarding) in hardware-base to improve the centralized forwarding performance of system, and this interface module is only compatible with supervisor 720.

Quick Specification

Product Code	WS-X6748-SFP
Product Description	Cisco Catalyst 6500/7600 Series SFP Gigabit Ethernet interface module WS-WS-X6748-SFP
Devide Tyde	Gigabit Ethernet interface SFP module
Ports	48 * SFP Gigabit Ethernet ports

Product Details:

The Front Panel:

Get more information:

Do you have any question about the WS-X6748-SFP?

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Specific Data Sheet:

Model info:	WS-X6748-SFP
Product Description	Cisco Catalyst 6500/7600 Series SFP Gigabit Ethernet interface module WS-WS-X6748-SFP
Devide Tyde	Gigabit Ethernet interface SFP module
Ports	48 * SFP Gigabit Ethernet ports
Forwarding Engine Architecture	● Centralized CEF engine located on supervisor's PFCx makes forwarding decision	● Upgradeable to dCEF switching with optional WS-F6700-DFC3
Performance/ Forwarding Rate (Mpps)	● 720 Gbps using CEF; Up to 30 Mpps per system	● Using dCEF upgrade: up to 48 Mpps sustained per slot for modules equipped with DFC3 to support distributed forwarding
Scheduler	Deficit Weighted Round Robin (DWRR)	
Queues	● Receive: 1 round robin queues, 8 threshold (2q8T when using dCEF)	● Transmit: 1 priority queue, 3 round robin queues, 8 threshold
Port buffers	● Receive: 166 KB per port	● Transmit: 1.17MB per port
Switch Fabric Connections	● Dual 20 Gbps (40 Gbps total) channel connection to switch fabric on Supervisor Engine 720	
Jumbo frame support for bridged and routed packets	Up to 9216 bytes	
Maximum port density per chassis	● 240 ports/6513E ● 386 ports/6509E	
Supervisor engines supported	● Supervisor Engine 720	
Chassis supported	● support all Cisco Catalyst 6500/7600 Series chassis except 6503	
Slot requirements	● Any slot in any Chassis except 6503	
Indicators	● Status: green (operational), red (faulty), and orange module booting or running diagnostics)	● Link: green (port active), orange (disabled), off (not active or not connected), blinking orange (failed diagnostic and disabled)

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