

# New Standards-Based Fast Ethernet over Single-Mode Fiber Line Card for the Catalyst 4500 Series Switch



Cisco Systems® is pleased to internally announce the availability of the new 48-port 100BASE-LX10 Fast Ethernet line card for the Cisco® Catalyst® 4500 Series Switch to deliver Ethernet in the First Mile (EFM) for service providers and enterprises.

The 48-port 100BASE-LX Fast Ethernet line card is available for ordering starting May 8, 2003. Normal lead times apply.

## Cisco Catalyst 4500 Series 48-Port 100BASE-LX10 Fast Ethernet Line Card

Forty-eight 100BASE-LX10 Fast Ethernet ports for single-mode fiber provide high-density connectivity for both residential and small business customers over distances up to 10 km. Fast Ethernet over single-mode fiber offers an attractive choice of cost and future performance—the same access fiber infrastructure can be gigabit-enabled by upgrading the switching equipment. In addition, the line card supports the emerging standard for Fast Ethernet over single-mode fiber, simplifying new infrastructure designs through interoperability.

Cisco Catalyst 4500 Series EFM line cards are also appropriate for manufacturing facilities, transportation monitoring, and fiber-to-the-desktop applications. Ethernet over fiber enables operation in noisy electromagnetic environments, physical security, and longer reaches with the same, well-understood Ethernet transport.

### Minimum Software Requirements for New Hardware

Product	Minimum IOS	Minimum Catalyst OS
WS-X4148-FE-LX-MT	12.1(13)EW	Planned

### Ordering Information

Product Number	Product Description
WS-X4148-FE-LX-MT	48-Port 100BASE-LX10 Fast Ethernet Line Card, integrated optics

### Additional Information

For more information, please visit [www.cisco.com/en/US/products/hw/switches/ps4324/](http://www.cisco.com/en/US/products/hw/switches/ps4324/)



Corporate Headquarters  
Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-4000  
800 553-NETS (6387)  
Fax: 408 526-4100

European Headquarters  
Cisco Systems International BV  
Haarlerbergpark  
Haarlerbergweg 13-19  
1101 CH Amsterdam  
The Netherlands  
www-europe.cisco.com  
Tel: 31 0 20 357 1000  
Fax: 31 0 20 357 1100

Americas Headquarters  
Cisco Systems, Inc.  
170 West Tasman Drive  
San Jose, CA 95134-1706  
USA  
www.cisco.com  
Tel: 408 526-7660  
Fax: 408 527-0883

Asia Pacific Headquarters  
Cisco Systems, Inc.  
Capital Tower  
168 Robinson Road  
#22-01 to #29-01  
Singapore 068912  
www.cisco.com  
Tel: +65 6317 7777  
Fax: +65 6317 7799

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