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C9400-LC-24S DataSheet

C9400-LC-24S: 24-port 1G SFP fiber line card with MACsec, jumbo frame support, and 480 Gbps slot bandwidth—ideal for secure fiber access networks.

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C9400-LC-24S Description

The C9400-LC-24S is a 24-port 1G SFP fiber line card designed for Cisco Catalyst 9400 modular switches. Ideal for secure fiber access or distribution layers, it delivers high-performance 1G connectivity using SFP transceivers. The card supports MACsec-256 encryption for all ports, jumbo frames, and Energy Efficient Ethernet (EEE), making it a dependable option for campuses or networks requiring fiber connectivity. It achieves per-slot bandwidth of up to 480 Gbps when paired with the latest supervisor engines and is compatible with all major Catalyst 9400 chassis.

Specification

Parameter	Description
Model	C9400-LC-24S
Port Count	24 × SFP ports
Port Speed	1G Fiber
PoE Support	Not supported
MACsec	256-bit encryption supported
Slot Bandwidth	Up to 480 Gbps
Supervisor Compatibility	SUP-1XL, SUP-2, SUP-2XL
Chassis Compatibility	C9404R, C9407R, C9410R
IOS XE Requirement	16.6.1 or later
Energy Efficient Ethernet	IEEE 802.3az supported
Jumbo Frame Support	Up to 9216 bytes
RFID	Integrated passive RFID tag
MTBF	448,350 hours

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- Tel: +86-17181189993
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