

Huawei 10 Gigabit Optical Module Single-Mode S9306



AI Overview

The Huawei 10 Gigabit Optical Module (single-mode) is fully compatible with the S9306 switch, supporting high-speed 10GE connections over long distances using single-mode fiber.

Overview The Huawei S9306 is a high-end, next-generation terabit routing switch designed for multiservice convergence, supporting L2/L3 switching, IPv6, and integrated security features. The chassis can accommodate multiple service cards, including 10GE interface cards, which are compatible with Huawei 10 Gigabit optical modules. These modules enable high-speed connectivity for WANs, MANs, campus networks, and data centers.

Optical Module Specifications

- Type: 10 Gigabit Ethernet (10GE) optical transceiver
- Fiber Mode: Single-mode (SMF)
- Compatibility: Designed for Huawei S9300 series switches, including the S9306 chassis
- Transmission Distance: Typically supports long-distance links, often ranging from 10 km to 40 km depending on the module variant and fiber quality
- Connector Type: LC duplex
- Hot-Swappable: Yes, allowing installation or replacement without powering down the switch

Integration with S9306 The S9306 chassis supports up to six service slots, which can host 10GE interface cards compatible with single-mode optical modules. The switch provides high switching capacity (3.84 Tbps) and packet forwarding rate (2880 Mpps), ensuring that 10GE modules operate at full performance. The chassis also supports redundant power modules and monitoring units, ensuring reliable operation for high-speed optical links.

Use Cases

- Data Center Interconnects:** High-speed 10GE links between racks or data centers
- Campus Networks:** Aggregation of multiple access switches over single-mode fiber
- WAN Connectivity:** Long-distance 10GE connections for enterprise or service provider networks

Key Considerations Ensure the optical module is Huawei-certified to guaran...

Article Content

Huawei S9306 LAN Switch Overview

The document discusses the Huawei S9300 Ethernet switch, including: - It has large capacity and high performance as an access node, aggregation node, or core

SUBTEl SFP-10G-LR 10G 10km SFP+ Transceiver

Main Features: • IEEE Standards based 10-Gigabit Ethernet (10GBASE-LR) • 10GBASE-LR Small Form-factor Pluggable Plus (SFP+) • Operating distance up

SFP-GE-LX-SM1310

Huawei Compatible SFP Transceiver Module QuickSpecs Technical Specifications 1000BASE-LX/LH Small Form-factor Pluggable (SFP). Standards based Gigabit

LE0KS9306 for Huawei S9306 Series network Switch

S9306 is one of the S9300 series switches (S9300 for short). And the LE0KS9306 is the Huawei S9306 Assembly Chassis. The S9300 series switches are next-generation high-end terabit routing switches,

LE0KS9306 Datasheet Overview

The S9300 design is based on Huawei's intelligent multilayer switching technology to provide high-definition video services, large-capacity wireless networks, elastic cloud computing, IPv6-capable

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the

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10 Gigabit SFP 10G Single Mode Optical Module Used Compatible

10 Gigabit SFP 10G Single Mode Optical Module Used Compatible with H3C for Huawei Ruijie 1 Year Warranty for 2km Transmission

Huawei SFP-GE-LX-SM1310 1GE 1310nm 10km SFP

The Huawei SFP-GE-LX-SM1310 is a carrier-grade optical transceiver designed for Gigabit Ethernet over single-mode fiber. Operating at 1.25Gbps with a 1310 nm

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

Huawei S9306 Switch Price& Datasheet MF-Telecom

Buy Huawei S9306 Switch with one-year warranty and 24H tech support service at mf-telecom

Huawei SFP-1.25G-LX10 Compatible 1000BASE-LX 1Gb SFP Transceiver Module ...

Huawei SFP-1.25G-LX10 Compatible Gigabit Module - SMF Singlemode 1310nm Wavelength for up to 10km This high-quality Huawei SFP-1.25G-LX10 Compatible DOM Transceiver. A cost-effective

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G,

Huawei SFP-10G-LR 10G SFP+ 1310nm 10km single-mode LC module for enterprise and carrier networks. Check real-time Huawei 10G SFP module price

Quidway S9300 Series Terabit Routing Switch

Product Overview The S9300 is a high-end terabit routing switch developed by Huawei for the service-focused network. It is designed

Huawei Optical Transceiver eSFP GE Single-Mode

Description The Optical Transceiver eSFP GE Single-Mode Module (1310 nm, 10 km, LC) is a high-performance Gigabit Ethernet optical module designed for

Huawei S9306 Switch

The Huawei S9306 is a modular Ethernet switch with an advanced architecture designed for data center applications and large enterprise networks. Equipped with a six-slot chassis, the S9306 supports

Huawei S9306 Switch Best Price

Huawei S9300 Series Switch S9303 support 2* Switching and Routing Units (SRUs), 6* LPUs, and AC or DC power modules in 1+1 or 2+2 backup mode.

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

Single-mode optical modules are used with single-mode fibers. Single-mode fibers support a wide band and large transmission capacity, and are used for long-distance transmission.

Huawei LE0KS9306 S9306 Switch Chassis 6 Slots No

Deploy flexible Huawei S9306 modular core with LE0KS9306 6-slot chassis, ready for scalable line cards and redundant power. Order now.

Huawei S9306 Switches Support Guide, Manuals & PDF – Huawei

: Access product manuals, HedEx documents, product images and visio stencils.

Huawei S9306 Switch Price& Datasheet MF-Telecom

S9306 Introduction Huawei S9300 Series Switch S9303 support 2* Switching and Routing Units (SRUs), 6* LPU's, and AC or DC power modules in 1+1 or 2+2 backup mode The S9306 chassis is 10 U high

S9303, S9306, S9312, AND S9300E SERIES SWITCHES QUICK

S9300& S9300E series switches are installed in the same way, and S9306 is used as an example here. For more information, see the Hardware Installation and Component Replacement. Figures in the

Huawei S9300 Switch Product Brochures

The S9300 is available in three models: S9303, S9306, and S9312. All S9300 models use interchangeable modules and components for inexpensive switching capacity and port expansion. In

Huawei Enterprise S9300 Series Terabit Routing Switches

Product Appearance The S9300 offers three models: S9303, S9306, and S9312. Their switching capacity and port density can be expanded. Each model has a modular design with interchangeable

Verified Supplier S9306 Huawei Core Switch, 10G gigabit | Alibaba

Equipped with an advanced optical heart rate sensor, the S9306 continuously monitors your heart rate throughout the day and during physical activity. This 24/7 tracking helps assess resting heart rate

S9300 Series Terabit Routing Switches

Product Appearance The S9300 is available in three models: S9303, S9306, and S9312. The switching capacity and port density of all three models is expandable. Each model offers a modular design with

10GE SFP+ Optical Modules

10GE-CWDM SFP+ Optical Modules 10GE-DWDM SFP+ Optical Modules 40GE QSFP+ Optical Modules Industrial Optical Modules 100GE QSFP28 Optical Modules GPON Optical Modules 25GE

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