LE0MG48SA-48-Port 100/1000BASE-X Interface Card (EA, SFP)

Version Mapping

Table 7-245 Switch chassis and software versions matching the card

Card Name	S9300X Chassis
LE0MG48SA	S9310X chassis: supported in V200R010C00 and later versions S9300X-4, S9300X-8, and S9300X-12 chassis: not supported

Introduction

The LE0MG48SA can be installed in:

- **Slots 01 to 10 in an S9310X chassis.**

Figure 7-120 Appearance of the LE0MG48SA

Functions

Table 7-246 Functions of the LE0MG48SA

Function	Description
Basic function	Provides forty-eight GE optical ports for data transmission and switching.
Distributed forwarding	Performs concurrent data forwarding using a distributed data plane.
Hot swapping	The LE0MG48SA is hot swappable.

Indicators and Ports

Figure 7-121 Indicators on the LE0MG48SA panel

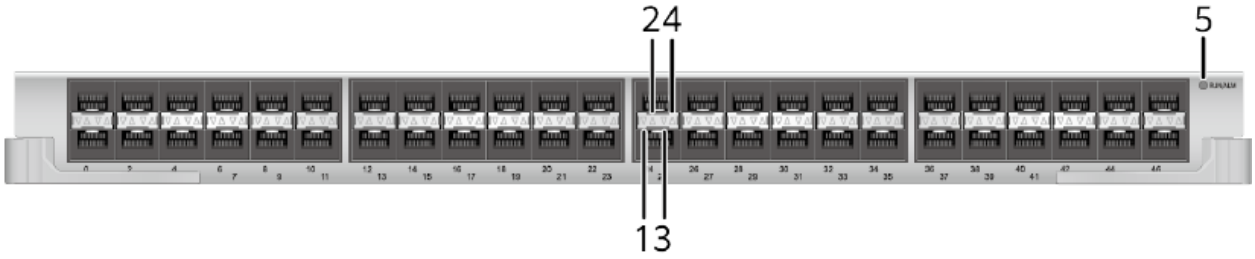
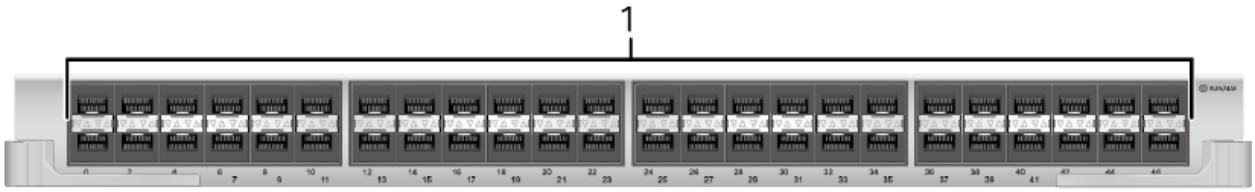


Table 7-247 Indicators on the LE0MG48SA panel

Number	Indicator	Color	Description
1	ACT indicator of a lower optical port	Yellow	Blinking: The port is transmitting and receiving data.
2	ACT indicator of an upper optical port		
3	LINK indicator of a lower optical port	Green	Steady on: A link has been established on the port.
4	LINK indicator of an upper optical port		
5	RUN/ALM: running status indicator	Green	Steady on: The card is powered on. If the indicator is steady green for no more than 30 seconds, the CPU is being started. If the indicator is steady green for more than 30 seconds, the software is not running. Slow blinking: The card software is running properly. Fast blinking: The card software is starting.

Number	Indicator	Color	Description
		Red	Steady on: The card has failed and the fault requires manual intervention.
		Yellow	Steady on: The card is powered off. (For example, the card has been forcibly powered off using the power off command or is about to start.)

Figure 7-122 Ports on the LE0MG48SA panel



1	Forty-eight 100/1000BASE-X optical ports

100/1000BASE-X optical ports

Table 7-248 lists the attributes of a 100/1000BASE-X optical port with an optical module installed.

Table 7-248 Optical port attributes (optical module)

Attribute	Description
Connector type	SFP
Optical port attributes	Depend on the SFP optical module used. For details about optical modules supported by the LE0MG48SA and their attributes, see FE SFP/eSFP Optical Modules, GE eSFP Optical Modules, GE-CWDM eSFP Optical Modules, and GE-DWDM eSFP Optical Modules.
Standards compliance	IEEE 802.3z

Attribute	Description
Frame format	Ethernet_II, Ethernet_SAP, Ethernet_SNAP
Network protocol	IP

Table 7-249 lists the attributes of a 100/1000BASE-X optical port with a copper module installed.

Table 7-249 Optical port attributes (copper module)

Attribute	Description
Connector type	SFP
Optical port attributes	Depend on the SFP copper module used. For details on the copper modules supported by the cards and attributes of the copper modules, see GE SFP Copper Modules (10 Mbit/s, 100 Mbit/s and 1000 Mbit/s rates).
Standards compliance	IEEE 802.3ab
Frame format	Ethernet_II, Ethernet_SAP, Ethernet_SNAP
Network protocol	IP

Specifications

Table 7-250 Specifications of the LE0MG48SA

Item	Description
Physical specifications	• Dimensions (H x W x D): 35.1 mm x 397.2 mm x 430.4 mm (1.38 in. x 15.64 in. x 16.95 in.) • Weight: 2.54 kg (5.60 lb) • Maximum power consumption: 75 W

Ordering Information

Card ordering information is subject to updates with product version upgrades. The ordering information provided in this manual is for reference only. To obtain the latest ordering information, contact Huawei switch distributors or Huawei local office.

Table 7-251 Ordering information

Part Number	Card Description	Card Model
03020JWJ	48-port 100/1000BASE-X interface card (EA, SFP)	LE0MG48SA NOTE: After the display elabel command is executed, the manufactured model of the card is displayed as LE02G48SA.