SLC-SXM

1000Base-SX/LC Multi-Mode Fiber SFP Module (550M)

EAN Code : 4712757152951

SLC-LXS

1000Base-LX/LC Single-Mode Fiber SFP Module (10KM)

EAN Code : 4712757152999
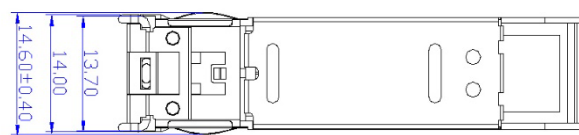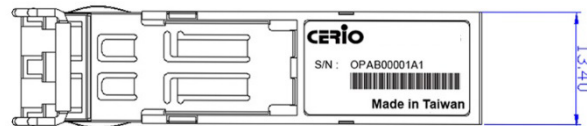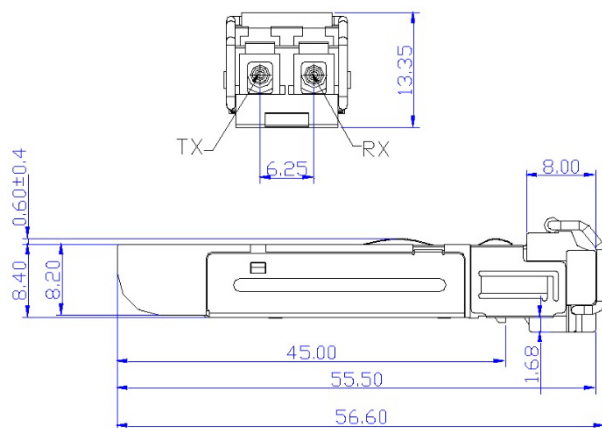
SLC-SXM

SLC-LXS

Introduction

CERIO's **SLC-SXM 1000BASE-SX/LC Multi-mode fiber SFP Module** and **SLC-LXS 1000BASE-LX/LC Single-mode fiber SFP** provides optical transceiver modules connect on switches SFP Slot ports, Pluggable (SFP module) transceivers with the LC connector, offers a Small Pluggable (SFP module) transceivers for multimode switch's gigabit SFP port to switch's gigabit SFP port interface or High speed for gigabit SFP port file server applications. The modules, which operate from a single +3.3V power supply. These SFP Modules are short wavelength fiber optic transceiver modules for providing **1.25Gbps** Gigabit Ethernet to be used in high-speed proprietary link applications. The transceivers send and receive pre-encoded data over a pair of 50μm or 62.5μm core multimode optical fibers.

Cerio's **SLC-SXM** compliant with IEEE802.3z Gigabit Ethernet and with Fiber Channel 100-MS-SN-I and 100-M6-SN-I **(SLC-SXM only)** standards. Cerio' Gigabit Ethernet SFP LC Transceivers provides high performance fiber channel and ethernet connectivity, while also satisfying a wide range of speed and distances of up to 550 meters for SLC-SXM and 10 kilometers for SLC-LXS.

Highlight Features

- SFP Multi-Source Agreement(MSA) and IEEE802.3z Gigabit Ethernet standard compliant
- Compliant with EN 60825-1 / Class 1 laser product
- **SLC-SXM**: Supports Fiber Channel 100-MS-SN-I and 100-M6-SN-I standards
- **SLC-LXS:** Supports Fiber Channel 100-MS-SN-I standards
- Support 1.25Gb/s High speed data Rate
- **SLC-SXM:** Center Wavelength supports 850nm
- **SLC-LXS**: Center Wavelength supports 1310nm
- Single power supply 3.3V
- **SLC-SXM:** Supports fiber link for distances of up to 550 meters
- **SLC-LXS**: Supports fiber link for distances of up to 10 kilometers
- Hot-pluggable remove and install module
- Duplex LC connector
- RoHS compliant

Hardware Overview

Specifications

Module Type	Output Current
SLC-SXM: Multi-Mode	Max : 50mA
SLC-LXS: Single-Mode	**Connector**
Media Type	LC connector x2
SLC-SXM: MMF Type	**Operating Temperature**
SLC-LXS: SMF Type	0°C ~ 70 °C
Maximum Fiber Distance	**Storage Temperature**
SLC-SXM: 550 meters	-40 °C ~85 °C
SLC-LXS: 10 kilometers	**Operating Humidity**
Maximum Spectral Width (RMS)	100% Non-Condensing
SLC-SXM: 0.85nm	**Dimension (W x H x D)**
SLC-LXS: 2.5nm	13.4 x 13.35 x 56.6 mm
Center Wavelength	**Weight**
SLC-SXM: 850nm (VCSEL)(835~865nm) /Light Source	SLC-SXM: 15g
SLC-LXS: 1310nm (FP) (1280~1340nm) /Light Source	SLC-LXS: 17g
Supply Voltage	**Production Location**
3.1 ~ 3.5V	TW Only
Operating Current	**Package Contents**
Max : 400mA	**SLC-SXM** or **SLC-LXS** Main Unit x1
	Warranty Card x1