OFMS330LH

1000Base-LH Single-Mode SFP transceiver (up to 30 km)



OFMS330LH is an industrial SFP transceiver with 1x1000Base-LH port for single-mode optical cable (up to 30 km).

The OFMS330LH is equipped with a standard duplex LC connector and is designed to work with single-mode fiber. The transceiver provides data transmission at speeds up to 1.25 Gbps at a distance of up to 30 km. Operating wavelength is 1310 nm.

The OFMS330LH has a wide operating temperature range (-40° to 85 °C). This allows the transceiver to be deployed in harsher environmental conditions.

The OFMS330LH complies with SFP MSA specifications and is hot-pluggable.

Key Features

- Small Form-Factor Pluggable (SFP)
- 1x1000Base-LH port
- Duplex LC connector
- Fiber type: 9/125 um single-mode
- Maximum fiber cable length up to 30 km
- Operating wavelength 1310 nm
- Hot-pluggable
- -40 to 85 °C operating temperature range

ORIGO

Specifications

Hardware

Transceiver Type	• SFP
Interfaces	• 1x1000Base-LH port
Connector	• Duplex LC
Uni-/Bi-directional	• Uni-directional
Data Rate	• 1.25 Gbps
Maximum Fiber Cable Length	• 30 km
Fiber Type	• 9/125 um Single-mode Fiber
Polish Type	• UPC
Wavelength	• 1310 nm
Transmit Power Range	• 0 to -5 dBm
Receive Power Range	• -3 to -23 dBm
Sensitivity	• -23 dBm
Standard	• IEEE 802.3z 1000Base-LH
Supported Features	• Hot swap • MSA compliant • RoHS compliant

Physical Parameters

Dimensions (L x W x H)	• 45 x 13.4 x 8.5 mm

Operating Conditions

Power Support	• 3.3 V
Supply Current	• 300 mA
Temperature	• Operating: -40 to 85 °C • Storage: -40 to 85 °C
Humidity	• Operating: 5% to 95% non-condensing • Storage: 5% to 95% non-condensing

Package Contents

Package Contents	• OFMS330LH Transceiver

Order Info

OFMS330LH	Industrial SFP Transceiver, 1000Base-LH (Duplex LC), 1310nm, Single-mode fiber, up to 30km, - 40°..85°C