



OFMS310LX

1000Base-LX Single-Mode SFP transceiver (up to 10 km)



OFMS310LX is an industrial SFP transceiver with 1x1000Base-LX port for single-mode optical cable (up to 10 km).

The OFMS310LX 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 10 km. Operating wavelength is 1310 nm.

The OFMS310LX has a wide operating temperature range (-40° to 85 °C). This allows the transceiver to be deployed in harsher environmental conditions.

The OFMS310LX complies with SFP MSA specifications and is hot-pluggable.

Key Features

- Small Form-Factor Pluggable (SFP)
- 1x1000Base-LX port
- Duplex LC connector
- Fiber type: 9/125 um single-mode
- Maximum fiber cable length up to 10 km
- Operating wavelength 1310 nm
- -40 to 85 °C operating temperature range
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• SFP
Interfaces	<ul style="list-style-type: none">• 1x1000Base-LX port
Connector	<ul style="list-style-type: none">• Duplex LC
Uni-/Bi-directional	<ul style="list-style-type: none">• Uni-directional
Data Rate	<ul style="list-style-type: none">• 1.25 Gbps
Maximum Fiber Cable Length	<ul style="list-style-type: none">• 10 km
Fiber Type	<ul style="list-style-type: none">• 9/125 um Single-mode Fiber
Wavelength	<ul style="list-style-type: none">• 1310 nm
Transmit Power Range	<ul style="list-style-type: none">• -3 to -9 dBm
Receive Power Range	<ul style="list-style-type: none">• -3 to -21 dBm
Sensitivity	<ul style="list-style-type: none">• -21 dBm
Standard	<ul style="list-style-type: none">• IEEE 802.3z 1000Base-LX
Supported Features	<ul style="list-style-type: none">• Hot swap• MSA compliant• RoHS compliant

Physical Parameters

Dimensions (L x W x H)	<ul style="list-style-type: none">• 45 x 13.4 x 8.5 mm
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Operating Conditions

Power Support	<ul style="list-style-type: none">• 3.3 V
Supply Current	<ul style="list-style-type: none">• 300 mA
Temperature	<ul style="list-style-type: none">• Operating: -40 to 85 °C• Storage: -40 to 85 °C
Humidity	<ul style="list-style-type: none">• Operating: 5% to 95% non-condensing• Storage: 5% to 95% non-condensing

Package Contents

Package Contents	<ul style="list-style-type: none">• OFMS310LX Transceiver
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Order Info

OFMS310LX

Industrial SFP Transceiver, 1000Base-LX (Duplex LC),
1310nm, Single-mode fiber, up to 10km, - 40°..85°C
