



# OFM211LC

**100Base-FX Multi-Mode SFP transceiver (up to 2 km)**



OFM211LC is a unidirectional SFP transceiver with 1x100Base-FX port for multi-mode fiber optic cable (up to 2 km).

The OFM211LC is equipped with a standard duplex LC connector and is designed to work with multi-mode fiber 50/125 um (up to 2 km) or 62.5/125 um (up to 1 km). The transceiver provides data transmission at speeds up to 100 Mbps at a distance of up to 2 km. Operating wavelength is 1310 nm.

The OFM211LC complies with SFP MSA specifications and is hot-pluggable.

## **Key Features**

- Small Form-Factor Pluggable (SFP)
- 1x100Base-FX port
- Duplex LC connector
- Fiber type: multi-mode 50/125 um (up to 2 km) or 62.5/125 um (up to 1 km)
- Operating wavelength 1310 nm
- Hot-pluggable



## Specifications

### Hardware

Transceiver Type	<ul style="list-style-type: none"><li>• SFP</li></ul>
Interfaces	<ul style="list-style-type: none"><li>• 1x100Base-FX port</li></ul>
Connector	<ul style="list-style-type: none"><li>• Duplex LC</li></ul>
Uni-/Bi-directional	<ul style="list-style-type: none"><li>• Uni-directional</li></ul>
Data Rate	<ul style="list-style-type: none"><li>• 100 Mbps</li></ul>
Maximum Fiber Cable Length	<ul style="list-style-type: none"><li>• 2 km</li></ul>
Fiber Type	<ul style="list-style-type: none"><li>• 50/125 um Multi-mode Fiber (up to 2 km)</li><li>• 62.5/125 um Multi-mode Fiber (up to 1 km)</li></ul>
Wavelength	<ul style="list-style-type: none"><li>• 1310 nm</li></ul>
Transmit Power Range	<ul style="list-style-type: none"><li>• -8 to -20 dBm</li></ul>
Receive Power Range	<ul style="list-style-type: none"><li>• -3 to -32 dBm</li></ul>
Sensitivity	<ul style="list-style-type: none"><li>• -32 dBm</li></ul>
Standard	<ul style="list-style-type: none"><li>• IEEE 802.3u 100Base-FX</li></ul>
Supported Features	<ul style="list-style-type: none"><li>• Hot swap</li><li>• MSA compliant</li><li>• RoHS compliant</li></ul>

### Physical Parameters

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

Power Support	<ul style="list-style-type: none"><li>• 3.3 V</li></ul>
Supply Current	<ul style="list-style-type: none"><li>• 300 mA</li></ul>
Temperature	<ul style="list-style-type: none"><li>• Operating: 0 to 70 °C</li><li>• Storage: -40 to 85 °C</li></ul>
Humidity	<ul style="list-style-type: none"><li>• Operating: 0% to 85%</li><li>• Storage: 0% to 85%</li></ul>



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**Package Contents**

Package Contents	• OFM211LC Transceiver
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**Order Info**

OFM211LC	SFP Transceiver, 100Base-FX (Duplex LC), 1310nm, Multi-mode fiber, up to 2km
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