



# OFM310GT

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



OFMS310GT is an unidirectional SFP transceiver with 1x1000Base-LX port for single-mode optical cable (up to 10 km).

The OFMS310GT is equipped with a standard duplex LC connector and is designed to work with 9/125  $\mu\text{m}$  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 OFMS310GT 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  $\mu\text{m}$  single-mode
- Maximum fiber cable length up to 10 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>• 1x1000Base-LX 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>• 1.25 Gbps</li></ul>
Maximum Fiber Cable Length	<ul style="list-style-type: none"><li>• 10 km</li></ul>
Fiber Type	<ul style="list-style-type: none"><li>• 9/125 um Single-mode Fiber</li></ul>
Wavelength	<ul style="list-style-type: none"><li>• 1310 nm</li></ul>
Transmit Power Range	<ul style="list-style-type: none"><li>• -3 to -9 dBm</li></ul>
Receive Power Range	<ul style="list-style-type: none"><li>• 0 to -22 dBm</li></ul>
Sensitivity	<ul style="list-style-type: none"><li>• -22 dBm</li></ul>
Standard	<ul style="list-style-type: none"><li>• IEEE 802.3z 1000Base-LX</li><li>• IEEE 802.3ah</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>
------------------------	--

### 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>• 220 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% non-condensing</li><li>• Storage: 0% to 85% non-condensing</li></ul>

### Package Contents

Package Contents	<ul style="list-style-type: none"><li>• OFM310GT Transceiver</li></ul>
------------------	--



---

**Order Info**

---

OFM310GT

SFP Transceiver, 1000Base-LX (Duplex LC), 1310nm,  
Single-mode fiber, up to 10km

---