



OFM314GT

1000Base-LHX Single-Mode SFP transceiver (up to 50 km)



OFM314GT is an unidirectional SFP transceiver with 1x1000Base-LHX port for single-mode optical cable (up to 50 km).

The OFM314GT is equipped with a standard duplex LC connector and is designed to work with 9/125 um single-mode fiber. The transceiver provides data transmission at speeds up to 1.25 Gbps at a distance of up to 50 km. Operating wavelength is 1550 nm.

The OFM314GT complies with SFP MSA specifications and is hot-pluggable.

Key Features

- Small Form-Factor Pluggable (SFP)
- 1x1000Base-LHX port
- Duplex LC connector
- Fiber type: 9/125 um single-mode
- Maximum fiber cable length up to 50 km
- Operating wavelength 1550 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• SFP
Interfaces	<ul style="list-style-type: none">• 1x1000Base-LHX 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">• 50 km
Fiber Type	<ul style="list-style-type: none">• 9/125 um Single-mode Fiber
Wavelength	<ul style="list-style-type: none">• 1550 nm
Transmit Power Range	<ul style="list-style-type: none">• 3 to -2 dBm
Receive Power Range	<ul style="list-style-type: none">• -3 to -18 dBm
Sensitivity	<ul style="list-style-type: none">• -18 dBm
Standard	<ul style="list-style-type: none">• IEEE 802.3z 1000Base-LHX
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
Temperature	<ul style="list-style-type: none">• Operating: 0 to 70 °C• Storage: -40 to 85 °C
Humidity	<ul style="list-style-type: none">• Operating: 5% to 95%• Storage: 5% to 95%

Package Contents

Package Contents	<ul style="list-style-type: none">• OFM314GT Transceiver
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Order Info

OFM314GT

SFP Transceiver, 1000Base-LHX (Duplex LC), 1550nm,
Single-mode fiber, up to 50km

Note: Operation over short distances requires an attenuator (not included).
