



OFM312GT2

1000Base-SX Multi-Mode SFP transceiver (up to 2 km)

OFM312GT2 is a unidirectional SFP transceiver with 1x1000Base-SX port for multi-mode fiber optic cable (up to 2 km).

The OFM312GT2 is equipped with a standard duplex LC connector and is designed to work with multi-mode fiber. The transceiver provides data transmission at speeds up to 1.25 Gbps at a distance of up to 2 km. Operating wavelength is 1310 nm.

The OFM312GT2 complies with SFP MSA specifications and is hot-pluggable.

Key Features

- Small Form-Factor Pluggable (SFP)
- 1x1000Base-SX port
- Duplex LC connector
- Fiber type: multi-mode 50/125 um (up to 2 km), multi-mode 62.5/125 um (up to 1 km)
- Maximum fiber cable length up to 2 km
- Operating wavelength 1310 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• SFP
Interfaces	<ul style="list-style-type: none">• 1x1000Base-SX 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">• 2 km
Fiber Type	<ul style="list-style-type: none">• 50/125 um Multi-mode Fiber (up to 2 km)• 62.5/125 um Multi-mode Fiber (up to 1 km)
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 -22 dBm
Sensitivity	<ul style="list-style-type: none">• -22 dBm
Standard	<ul style="list-style-type: none">• IEEE 802.3z 1000Base-SX
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: 0 to 70 °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">• OFM312GT2 Transceiver
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Order Info

OFM312GT2

SFP Transceiver, 1000Base-SX (Duplex LC), 1310nm,
Multi-mode fiber, up to 2km
