



OFM311GT

1000Base-SX Multi-Mode SFP transceiver (up to 550 m)



OFM311GT is a unidirectional SFP transceiver with 1x1000Base-SX port for multi-mode fiber optic cable (up to 550 m).

The OFM311GT is equipped with a standard duplex LC connector and is designed to work with 50/125 μ m multi-mode fiber. The transceiver provides data transmission at speeds up to 1.25 Gbps at a distance of up to 550 m. Operating wavelength is 850 nm.

The OFM311GT 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 μ m
- Operating wavelength 850 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">• 550 m
Fiber Type	<ul style="list-style-type: none">• 50/125 um Multi-mode Fiber
Wavelength	<ul style="list-style-type: none">• 850 nm
Transmit Power Range	<ul style="list-style-type: none">• 0 to -9.5 dBm
Receive Power Range	<ul style="list-style-type: none">• 0 to -17 dBm
Sensitivity	<ul style="list-style-type: none">• -17 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
------------------------	--

Operating Conditions

Power Support	<ul style="list-style-type: none">• 3.3 V
Supply Current	<ul style="list-style-type: none">• 240 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: 0% to 85%• Storage: 0% to 85%

Package Contents

Package Contents	<ul style="list-style-type: none">• OFM311GT Transceiver
------------------	--



Order Info

OFM311GT

SFP Transceiver, 1000Base-SX (Duplex LC), 850nm,
Multi-mode fiber, up to 550m
