



OFM330T

**1000Base-BX-D Single-Mode WDM SFP transceiver (up to 3 km/10 km),
Tx:1550 nm, Rx:1310 nm**



OFM330T is a bidirectional WDM SFP transceiver with 1x1000Base-BX-D port for single-mode optical cable (up to 3/10 km).

The OFM330T is designed to work with 9/125 um single-mode fiber. The transceiver provides data transmission speeds of up to 1.25 Gbps over a distance of up to 3 km (OFM330T/3KM) and up to 10 km (OFM330T/10KM).

The OFM330T / OFM330R transceivers combine transmitting and receiving signals onto one fiber strand using two wavelengths. These transceivers are used in pair. The operating wavelength of OFM330T is Tx:1550 nm, Rx:1310 nm.

The OFM330T complies with SFP MSA specifications and is hot-pluggable.

Key Features

- Works in pair with OFM330R
- Small Form-Factor Pluggable (SFP)
- 1x1000Base-BX-D port
- Fiber type: 9/125 um single-mode
- Maximum fiber cable length up to 3 km or up to 10 km
- Operating wavelength – Tx: 1550 nm, Rx: 1310 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	• SFP
Interfaces	• 1x1000Base-BX-D
Connector	• Simplex LC (OFM330T/3KM/A1) • Simplex SC (OFM330T/3KM/B1) • Simplex LC (OFM330T/10KM)
Uni-/Bi-directional	• Bi-directional
Data Rate	• 1.25 Gbps
Maximum Fiber Cable Length	• 3 km (OFM330T/3KM) • 10 km (OFM330T/10KM)
Fiber Type	• 9/125 um Single-mode Fiber
Wavelength	• Tx: 1550 nm, Rx: 1310 nm
Transmit Power Range	• OFM330T/3KM -7 to -13 dBm • OFM330T/10KM -3 to -9 dBm
Receive Power Range	• OFM330T/3KM 0 to -20 dBm • OFM330T/10KM -3 to -22 dBm
Sensitivity	• -20 dBm (OFM330T/3KM) • -22 dBm (OFM330T/10KM)
Standard	• IEEE 802.3z 1000Base-BX-D
Supported Features	• Hot swap • MSA compliant • RoHS compliant

Physical Parameters

Dimensions (L x W x H)	• 63.8 x 13.4 x 8.5 mm (OFM330T/3KM/B1 with SC connector) • 55.4 x 13.4 x 8.5 mm (OFM330T/10KM and OFM330T/3KM/A1 with LC connector)
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Operating Conditions

Power Support	• 3.3 V
Supply Current	• 220 mA (OFM330T/3KM) • 250 mA (OFM330T/10KM)
Temperature	• Operating: 0 to 70 °C • Storage: -40 to 85 °C
Humidity	• Operating: 0% to 85% • Storage: 0% to 85%

Package Contents

Package Contents	• OFM330T Transceiver
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Compatible Equipment

WDM SFP Transceivers	• OFM330R/3KM/A1 (for OFM330T/3KM/A1) • OFM330R/3KM/B1 (for OFM330T/3KM/B1) • OFM330R/10KM (for OFM330T/10KM)
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Order Info

OFM330T/3KM/A1	WDM SFP Transceiver, 1000Base-BX-D (Simplex LC), Tx:1550nm, Rx:1310nm, single-mode fiber, up to 3km
OFM330T/3KM/B1	WDM SFP Transceiver, 1000Base-BX-D (Simplex SC), Tx:1550nm, Rx:1310nm, single-mode fiber, up to 3km
OFM330T/10KM	WDM SFP Transceiver, 1000Base-BX-D (Simplex LC), Tx:1550nm, Rx:1310nm, single-mode fiber, up to 10km