



OFM436XT-BXD

**10GBase-BX-D Single-Mode WDM SFP+ transceiver (up to 20 km),
Tx:1330 nm, Rx:1270 nm**



OFM436XT-BXD is a bidirectional WDM SFP+ transceiver with 1x10GBase-BX-D port for single-mode optical cable (up to 20 km).

The OFM436XT-BXD is equipped with a standard simplex LC connector and is designed to work with 9/125 um single-mode fiber. The transceiver provides data transmission speeds of up to 10 Gbps at a distance of up to 20 km.

The OFM436XT-BXD / OFM436XT-BXU transceivers combine transmitting and receiving signals onto one fiber strand using two wavelengths. These transceivers are used in pair. The operating wavelength of OFM436XT-BXD is Tx:1330 nm, Rx:1270 nm.

The OFM436XT-BXD complies with SFP+ MSA specifications and is hot-pluggable.

Key Features

- Works in pair with OFM436XT-BXU
- Enhanced Small Form-factor Pluggable (SFP+)
- 1x10GBase-BX-D port
- Simplex LC connector
- Fiber type: 9/125 um single-mode
- Maximum fiber cable length up to 20 km
- Operating wavelength – Tx: 1330 nm, Rx: 1270 nm
- Hot-pluggable



Specifications

Hardware

Transceiver Type	<ul style="list-style-type: none">• SFP+
Interfaces	<ul style="list-style-type: none">• 1x10GBase-BX-D
Connector	<ul style="list-style-type: none">• Simplex LC
Uni-/Bi-directional	<ul style="list-style-type: none">• Bi-directional
Data Rate	<ul style="list-style-type: none">• 10 Gbps
Maximum Fiber Cable Length	<ul style="list-style-type: none">• 20 km
Fiber Type	<ul style="list-style-type: none">• 9/125 um Single-mode Fiber
Wavelength	<ul style="list-style-type: none">• Tx: 1330 nm, Rx: 1270 nm
Transmit Power Range	<ul style="list-style-type: none">• 2 to -3 dBm
Receive Power Range	<ul style="list-style-type: none">• 1 to -14.4 dBm
Sensitivity	<ul style="list-style-type: none">• -14.4 dBm
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">• 47.5 x 13.7 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">• OFM436XT-BXD Transceiver
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Compatible Equipment

WDM SFP+ Transceivers	<ul style="list-style-type: none">• OFM436XT-BXU/20KM
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Order Info

OFM436XT-BXD/20KM

WDM SFP+ Transceiver, 10GBase-BX-D (Simplex LC),
Tx:1330nm, Rx:1270nm, single-mode fiber, up to 20km
