

# fiber options

## OH-BD-10G-1330-LC Fiber SFP Data Sheet

### 10 Gbit/s Bidirectional Optical Data Transceiver

- SDI multi-rate optical bidirectional transceiver for 10Gbit or 1Gbit
- 1 port bidirectional operation over single fiber (singlemode)
- 1330nm TX Wavelength / 1260-1280nm RX Wavelength
- Pluggable and hot swappable
- Lead free and RoHS compliant

The OH-BD-10G-1330-LC is a 10 Gbit/s bidirectional optical transceiver. The TX wavelength is 1330 nm, RX wavelength are between 1260 nm and 1280 nm.

This SFP is typically used in simple WDM closed loop point to point applications and is intended to be paired with the OH-BD-10G-1270-LC SFP at the other end of the fiber link. The SFP is hot swappable.



Shown with dust cap fitted

#### TX Specifications

Parameter	Min	Typ	Max
Wavelength	1320 nm	1330 nm	1340 nm
Optical Power	1 dBm	-	5 dBm
Linear Extinction Ratio	3.5 dBm	-	-

#### RX Specifications

Parameter	Min	Typ	Max
Receiver Sensitivity	-	-	-15 dBm
Wavelength	1260 nm	1270 nm	1280 nm
Overload	-	-	0.5 dBm
Loss of Signal Asserted	-30 dBm	-	-
Loss of Signal De-Asserted	-	-	-18 dBm

#### Mechanical

Parameter	
Size (not including connector - typ)	57 mm x 13.4 mm x 12.4 mm
Weight	50 g
SFP Connector pinning	MSA
Fiber connections	LC (Simplex) - Singlemode
Operating Temperature Range	0°C - 70 °C
Power Supply Voltage	3.3V DC
Power Consumption	max. 430 mA
Humidity (non condensing)	90%

#### Ordering Information

EAN / UPC	Model	Description
4250479328204	OH-BD-10G-1330-LC	10 Gbit/s Bidirectional Optical Transceiver SFP module - 1330 nm - Fiber LC connector

#### WARNING

This SFP module is a Class 1 laser device which complies to IEC825 and FDA 21 CFR 1040.10 and 1040.11. The device must be operated within specified temperature and voltage limits. The optical ports of the module must always be terminated with an optical connector or a dust plug (dust plug supplied)

Country of manufacture: Taiwan

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Specifications subject to change