

TRANSCEIVER

SFP-BL3524-L2XX

1.25GBPS SFP BI-DIRECTIONAL TRANSCEIVER

SFP-CWXX24-L4DC

1.25GBPS CWDM SFP OPTICAL TRANSCEIVER

20KM REACH

1310NM TX/1550 NM RX



40KM REACH



The SFP-BIDI transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps/1.0625Gbps and 20km transmission distance with SMF. The transceiver consists of three sections: a FP laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements. The transceivers are compatible with SFP Multi-Source Agreement (MSA) and SFF-8472. For further information, please refer to SFP MSA.

The SFP transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps and 1.0625Gbps and 40km transmission distance with SMF. The transceiver consists of three sections: a CWDM DFB laser transmitter, a PIN photodiode integrated with a trans-impedance preamplifier (TIA) and MCU control unit. All modules satisfy class I laser safety requirements.

The transceivers are compatible with SFP Multi-Source Agreement (MSA) and SFF-8472. For further information, please refer to SFP MSA.

APPLICATIONS

- » Gigabit Ethernet
- » Fiber Channel
- » Switch to Switch interface
- » Switched backplane applications
- » Router/Server interface
- » Other optical transmission systems

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FEATURES

- » Dual data-rate of 1.25Gbps/1.063Gbps operation
- » 1310nm FP laser and PIN photodetector for 20km transmission
- » Compliant with SFP MSA and SFF-8472 with single LC receptacle
- » Digital Diagnostic Monitoring:
- » Internal Calibration or External Calibration
- » Compatible with SONET OC-24-LR-1
- » Compatible with RoHS
- » +3.3V single power supply
- » Operating case temperature:
- » Standard: 0 to +70°C
- » Industrial: -40 to +85°C

FEATURES

- » Dual data-rate of 1.25Gbps and 1.063Gbps operation
- » CWDM DFB laser and PIN photo detector for 40km transmission
- » Compliant with SFP MSA and SFF-8472 with duplex LC receptacle
- » Digital Diagnostic Monitoring: Internal Calibration or External Calibration
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Part Number	Product Description	Part Number	Product Description
F0-SFP-BL5324-L2NC	1550nm/1310nm, 1.25Gbps, LC, 20km, 0°C~+70°C, without DDM	F0-SFP-CWxx24-L4DC	CWDM DFB, 1.25Gbps, LC, 40km, 0°C~+70°C, with DDM
F0-SFP-BL5324-L2NT	1550nm/1310nm, 1.25Gbps, LC, 20km, -40°C~+85°C, without DDM		
F0-SFP-BL5324-L2DC	1550nm/1310nm, 1.25Gbps, LC, 20km, 0°C~+70°C, with DDM		
F0-SFP-BL5324-L2DT	1550nm/1310nm, 1.25Gbps, LC, 20km, -40°C~+85°C, with DDM		

