



Cisco compatible (GLC-BX-D-80KM, GLC-BX-U80), 1.25G, BiDi SFP, TX1550nm / RX1490nm, 80KM Transceiver, LC Connector for SMF with DDMI | PlusOptic BISFP-D2-80-CIS

Product Images



Description

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PLUSOPTIC's BiSFP-UI-20-PLUI Small Form Factor Pluggable (SFP) transceivers are compatible with the Small Form Factor Pluggable Multi-Sourcing Agreement (MSA). The transceiver consists of five sections: the LD driver, the limiting amplifier, the digital diagnostic monitor, the 1310nm FP laser (the 1550nm DFB laser) and the PIN photo-detector. The module data link up to 20KM in 9/125um single mode fiber.

The optical output can be disabled by a TTL logic high-level input of Tx Disable, and the system also can disable the module via I2C. Tx Fault is provided to indicate that degradation of the laser. Loss of signal (LOS) output is provided to indicate the loss of an input optical signal of receiver or the link status with partner. The system can also get the LOS (or Link)/Disable/Fault information via I2C register access.

FEATURES

- Supports 1.25Gbps/1.0625Gbps bit rates
- Bi-Directional LC connector
- Hot pluggable SFP footprint
- 1490nm DFB laser and 1550nm PIN photo detector
- 1550nm DFB laser and 1490nm PIN photo detector
- Applicable for 80Km SMF connection
- Low power consumption, < 1.0W
- Digital Diagnostic Monitor Interface
- Compliant with SFP MSA and SFF-8472
- Very low EMI and excellent ESD protection
- Operating case temperature
 - Commercial: 0 to 70 °C

APPLICATIONS

- Gigabit Ethernet
- Fiber Channel
- Switch to Switch interface
- Switched backplane applications
- Router/Server interface
- Other Optical Links

WARRANTY

3 - year limited warranty

WHY 4CABLING?

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