



## PlusOptic 1.25G, BiDi SFP, TX1490nm / RX1550nm, 80KM Transceiver, LC Connector for SMF with DOM | PlusOptic BISFP-U2-80-PLUI

### Product Images

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### Description

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## PlusOptic 1.25G, BiDi SFP, TX1490nm / RX1550nm, 80KM Transceiver, LC Connector for SMF with DOM | PlusOptic BISFP-U2-80-PLUI

PlusOptic, SFP-BIDI transceivers are high performance, cost effective modules supporting dual data-rate of 1.25Gbps/1.0625Gbps and 80km transmission distance with SMF. The transceiver consists of three sections: a 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.

## 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:
  - Industrial: -40°C to 85°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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