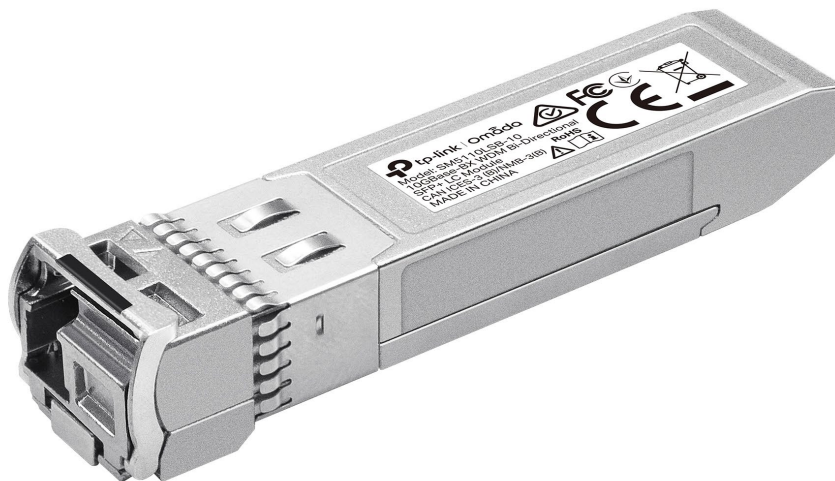


10GBase-BX WDM Bi-Directional SFP+ LC Module Datasheet

MODEL: SM5110LSB-10

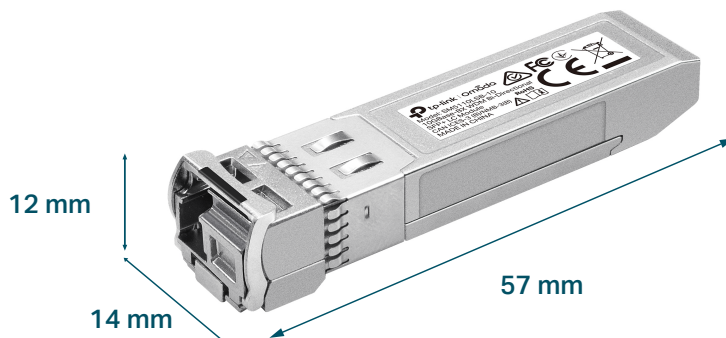


Highlights

- Supports WDM Bi-Directional technology, using a single strand of fiber, cost saving
- Single mode SFP+ LC Transceiver
- Hot-Pluggable with maximum flexibility
- Supports Digital Diagnostic Monitoring (DDM)
- Compatible with 10G Small Form Pluggable Multi-Source Agreement (SFP+)
- Compatible with switches with 10G ports like SG3428X and SG3452X

Note: Use SM5110LSA-10 & SM5110LSB-10 together for fast and reliable connectivity.

Product Pictures



Specifications

| Model | | SM5110LSB-10 |
|---|-------------------------|--|
| General Specifications | Form Factor | SFP+ |
| | Support Data Rate | 10.3125 Gbps |
| | Wave Length | Tx: 1270 nm Rx: 1330 nm |
| | Max. Cable Length | 10 km |
| | Connector | Simplex LC/UPC |
| | Media | Single-mode Fiber (SMF) |
| | Core Size | 9/125 um |
| | Transmitter Type | DFB |
| | Receiver Type | PIN-TIA |
| | Transmitter Power | -8.2 to -0.5dBm |
| | Receiver Sensitivity | < -14.4 dBm @10.3125 Gbps |
| | Receiver Overload | > 0.5 dBm @10.3125 Gbps |
| | Extinction Ratio | > 3.5 dB@10.3125 Gbps |
| | Power Supply | 3.3 V |
| | Power Consumption | ≤ 1 W |
| | DDM | Yes |
| | Standards and Protocols | <ul style="list-style-type: none"> • IEEE 802.3ae • SFF-8431, SFF-8432, SFF-8472 • 10GBase-BR |
| Hot Swappable | Yes | |
| Regulatory Compliance | CE, FCC, RoHS | |
| Environmental & Physical Specifications | Operating Temperature | 0°C to 70°C (32°F to 158°F) |
| | Storage Temperature | -40°C to 85°C (-40°F to 185°F) |
| | Operating Humidity | 10% to 90% RH Non-condensing |
| | Storage Humidity | 5% to 90% RH Non-condensing |

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