
25G SFP28 BIDI LR



The TPB-X510-xxDCR is an 1330nm/1270nm DFB 25Gigabit SFP28 transceiver. It is designed to transmit and receive optical data over 9/125 μ m single-mode optical fiber (SMF) and support up to 10km. The module has a duplex LC optical interface and all mechanical characteristics are compliant with the current SFP28 specification (SFF-8431 and SFF-8432).

More Details? [DS090033?](#)

| Part No. | Data Rate | Laser | Fiber Type | Distance ^{*Note1} | Optical Interface | Temp. ^{*Note2} | DDMI |
|--------------------------------|-----------|------------|------------|----------------------------|-------------------|-------------------------|------|
| TPB-X510-32DCR | 25Gbps | 1330nm-DFB | SMF | 10km | LC | ST | Y |
| TPB-X510-32DIR | 25Gbps | 1330nm-DFB | SMF | 10km | LC | IT | Y |
| TPB-X510-23DCR | 25Gbps | 1270nm-DFB | SMF | 10km | LC | ST | Y |
| TPB-X510-23DIR | 25Gbps | 1270nm-DFB | SMF | 10km | LC | IT | Y |

Features:

- I Bidi LC optical connector
- I SFP28 MSA compliant
- I SFF-8431 compliant
- I Hot-pluggable SFP footprint
- I Built-in digital diagnostic functions
- I Up to 10km transmission on single-mode fiber
- I Single +3.3V power supply
- I Operating case temperature: 0~70C or -40~85?
- I RoHS-6 compliant

Applications:

I 25GBASE-LR

Product link : <https://www.trixontech.com/25g-sfp28-bidi.html>