

## 1.25G SMF BIDI SFP Transceiver, 20km, T1310/R1550nm

The WTGSFP-LX-20i is a high performance, cost-effective SFP transceiver. It provides up to 1.25 Gbps bi-directional data transfer rate at distances up to 20km on a single fiber core. These bi-directional SFP Transceivers allow data transfer in either direction through a single optical fiber by employing separate wavelengths travelling in either direction.

The WTGSFP-LX-20i transmits using a wavelength of 1310nm and receives using a wavelength of 1550nm. When coupled with the WTGSFP-LX-20i transceiver which transmits at and receives at the opposite rates (1310nm TX and 1550nm RX) you get bi-direction data communication on a single fiber core.



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### Key Features

- 1310nm FP LD
- Multi Data Rate: from 125M to 1.25Gbps, NRZ
- Single +3.3V Power Supply
- RoHS Compliant and Lead-free
- AC/AC Differential Electrical Interface
- Compliant with Multi-Source Agreement (MSA)
- Simplex LC Connector
- Compliance with specifications for IEEE-802.3z Gigabit Ethernet at 1.25Gbps
- Compliance with ANSI specifications for Fiber
- Channel applications at 1.06bps
- No configuration or installation software required

### **WELLTECH ENTERPRISES**

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<p><b>Specification.</b></p> <p><b>Standards &amp; Protocols:</b></p> <p>IEEE 802.3ah 1000BASE-BX10-U SFP Multi-Sourcing Agreement(MSA)</p> <p><b>Connectors and Cabling:</b></p> <p>Simplex LC Connector, Single-mode fiber(SMF)</p> <p><b>Wavelength(nm):</b></p> <p>T 1310nm / R 1550nm</p> <p><b>Optical                      Receive</b> <b>Sensitivity:</b> -23 dBm</p> <p><b>Power</b> <b>Budget:</b> 15 dB</p> <p><b>Power:</b></p> <p>Supply Voltage: 3.3V</p> <p>Max Voltage/Current: 6V/300mA</p> <p><b>General:</b></p> <p>Hot-swappable</p>	<p><b>Data Transfer Rate:</b></p> <p>1.25 Gbps Bi-directional data link</p> <p><b>Operating      Distance:</b> up to 20km (9/125?m)</p> <p>Fiber channel up to 1.06Gbps</p> <p><b>Optical                      Transmission</b> <b>Power:</b> -8~ -3 dBm</p> <p><b>Envoirnmental</b> <b>Temperature (°C):</b></p> <p>Operating: 0°C ~ 70°C</p> <p>Storage: -40 ~ 85°C</p> <p><b>Humidity</b> (Non-condensing): 5 ~ 95%</p> <p><b>Dimensions (W x D x H</b> <b>mm):</b> 13.7 x 56.5 x 8.95 mm</p> <p><b>Weight</b> (g): 20g</p>
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