

Transceiver



LinkIT SFP 1.25Gbps BIDI 20km Ubiquiti

LC | DDM | Single-mode | TX/RX:
1550/1310nm

Product number: LI-SM-1G-SB-UBI

Product Description

The LinkIT SFP BIDI module offers a data rate of up to 1.25 Gbps and features a bidirectional design with a 1550nm transmitter and a 1310nm receiver. It uses a PIN photo-detector and is capable of transmitting data over distances of up to 20 km on 9/125 µm single-mode fiber (SMF). The module is housed in a metal enclosure to minimize EMI and is designed for low power dissipation. It features a hot-pluggable SFP footprint with an LC pluggable optical interface and operates with a single +3.3V power supply.

The module supports a Digital Diagnostic Monitoring (DDM) interface and is compliant with several standards, including SFP MSA (INF-8074i), SFF-8472 V9.3, and IEEE 802.3z Gigabit Ethernet. It is RoHS compliant and lead-free. The case operating temperature ranges from 0°C to +70°C for standard use and from -40°C to +85°C for industrial applications.

Main Specifications

Brand	LinkIT
Connector type 1	SFP
Connector type 2	LC
Wave length (nm)	TX: 1550nm/RX:1310nm
Distance	20km

Extended Specifications

Transmission speed	1,25 Gbps
Fibre type	Single Mode
SFP Coding	Ubiquiti
Standards	SFP MSA (INF-8074i), SFF-8472 V9.3, IEEE802.3z Gigabit



	Ethernet
Temperature	Standard: 0°C ~ +70°C, Industrial: -40°C ~ +85°C
EAN	7072262015446
Certifications	CE, RoHS

