



Transceiver

LinkIT SFP 1.25Gbps BIDI 20km LinkIT

LC | DDM | Single-mode |
TX/RX:1490nm/1310nm

Product number: LI-4312-20D-LI

Product Description

This module supports a data rate of up to 1.25 Gbps and operates at wavelengths of 1310nm and 1490nm using a PIN photo-detector. It provides reliable data transmission over distances of up to 20 km on 9/125 µm single-mode fiber (SMF). The device features a hot-pluggable SFP footprint with an LC pluggable optical interface and operates with a single +3.3V power supply. Designed for low power dissipation, it is housed in a metal enclosure to reduce EMI. The module supports a Digital Diagnostic Monitoring interface and is compliant with SFP MSA (INF-8074i), SFF-8472 V9.3, and IEEE 802.3z Gigabit Ethernet standards. It is RoHS compliant and lead-free, with a case operating temperature range of 0°C to +70°C.

Main Specifications

Brand	LinkIT
Connector type 1	SFP
Connector type 2	LC
Measurements (WxHxD)	(13.9x14.55x56.5)
Wave length (nm)	Tx: 1490 nm/Rx: 1310 nm
Distance	Up to 20km on 9/125um SMF

Extended Specifications

Transmission speed	1,25 Gbps
Fibre type	Single Mode
SFP Coding	LinkIT
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	7072262013466



Certifications

CE, RoHS

