

Transceiver



LinkIT SFP 1.25Gbps SX 550m Alcatel LC | DDM | Multi-mode | 850nm

Product number: LI-8512-05D-AL

Product Description

This module offers a data rate of up to 1.25 Gbps and utilizes an 850nm VCSEL laser transmitter paired with a PIN photo-detector. It supports data transmission over distances of up to 0.55 km on 50/125 μm multimode fiber (MMF). 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 and includes support for a Digital Diagnostic Monitoring (DDM) interface.

The module operates within a case temperature range of 0°C to 70°C and is compliant with SFF-8472, SFP MSA, and IEEE802.3z standards. It is suitable for applications such as Gigabit Ethernet, Gigabit Fiber Channel, and other optical links.

Main Specifications

Wave length (nm)	850
Distance	550m

Extended Specifications

Transmission speed	1,25 Gbps
Fibre type	Multimode
SFP Coding	Alcatel
Standards	SFF-8472, SFP MSA, and IEEE802.3z
EAN	7072262013749
Certifications	RoHS

