

SFP Module

1.25G SMF 1310nm 10KM

Overview

Fiber-REX's FKS3112L-10 Transceiver is a high performance, cost effective module which have a duplex LC optics interface. Standard AC coupled CML for high speed signal and LVTTTL control and monitor signals. The receiver section uses a PIN receiver and the transmitter uses a 1310 nm FP laser, up to 15dB link budge ensure this module 1000Base Ethernet 10km application.



Features

- Hot-pluggable SFP footprint
- Duplex LC/UPC type pluggable optical interface
- Metal enclosure, for lower EMI
- Up to 1.25Gb/s data links with DDM
- FP laser transmitter and PIN photo-detector
- Up to 10KM on 9/125µm SMF
- Low power dissipation
- RoHS compliant and lead-free
- Single +3.3V power supply
- SFF-8472, SFP MSA compliant
- Operating Temperature: 0°C to +70°C

Applications

- 1×Fiber Channel
- Metro/Access Networks
- 1.25 Gb/s 1000Base-LX Ethernet
- Switched Backplane Applications
- Router/Server Interface
- Other Optical Links

Specifications

Vendor	Fiber-REX
P/N	FKS3112L-10
Data Rate	1.25G
Form Type	SFP
Media Type	Singlemode Fiber
Wavelength	1310nm
Distance Reach	10KM
Connector	LC Duplex
Source	FP + PIN
Tx Power	-9 ~ -3 dBm
Rx Sens	-21 dBm
DDM Support	YES
Operating Temp.	0-70°C
Power Supply	+3.3V
Compliant	RoHS, CE, FCC
Warranty	3 Years