

OvisLink OV-FEE24-TX-20

Pluggable Optics (SFP 1550/1310nm 20KM LC Transceiver)



Introduction

The OV-FEE24-TX-20 SFP transceiver is an high performance, cost effective module supporting 1.25Gbps and 10km transmission distance with SMF(9/125 μ m). The OV-FEE24-TX-20 consists of two sections: a 1550nm FP or a 1310nm DFB laser transmitter, a PIN photodiode integrated with a trans-impedance amplifier (TIA). It satisfies class1 laser safety requirements. It is compatible with SFP Multi-Source Agreement (MSA) and SFF-8472. For further information, please refer to SFP MSA.

Features

- Up to 1.25Gbps data rate
- Single LC receptacle optical interface compliant
- Single +3.3V power supply
- DDM function implemented, Internal calibration
- Hot-pluggable
- Receiver Loss of Signal Output
- AC coupling of PECL signals
- Serial ID module on MOD(0-2)
- International Class 1 laser safety certified
- Transmitter disable input
- RoHS Compliance
- Operating temperature range
 - Commercial: 0 $^{\circ}$ C ~ 70 $^{\circ}$ C
 - Industrial : -40 $^{\circ}$ C ~85 $^{\circ}$ C

Applications

- Gigabit Ethernet
- Gigabit Fiber Channel
- Switch to switch interface

Standards

- Compliant with SFP MSA (INF-8074i)
- Compliant with IEEE802.3z Gigabit Ethernet
 - SFF-8472 Rev 10.2
 - ITUT-G.691 & ITU-T G.959.1