

1.25 Gbps SFP Transceiver

L4 Optics | Single Mode | 1550 nm | 80 km

Optics

760-07151-80

760-07151-85

Features

- Transceiver unit with independent:
 - DFB Laser Diode transmitter
 - InGaAs PIN Photodiode receiver
- Digital diagnostic monitoring (DDM)
- Meets SFP MSA and SFF-8472 with duplex LC receptacle
- Qualified for Bellcore reliability practices
- Compliant with IEEE 802.3Z
- Compliant RoHS and lead free
- Compliant with UL standard
- Hardened temperature version (optional)



Specifications

General

Parameter	Value
Mode	Single Mode
Wavelength	1550 nm
Operating Data Rate	1.25 Gbps
Connector	LC
Transmitter Type	DFB Laser Diode
Receiver Type	PIN Photodiode
Storage Temperature	-40 ~ 85 °C
Operating Temperature	760-07151-80: -20 ~ 70 °C 760-07151-85: -40 ~ 85 °C
Voltage	3.3 V

Transmitter Characteristics

Parameter	Minimum	Maximum
Wavelength (λ_p)	1480 nm	1580 nm
Launch or Output Power (P_0)	0.0 dBm	5.0 dBm

Receiver Characteristics

Parameter	Minimum	Maximum
Wavelength	1260 nm	1580 nm
Sensitivity (P_r)		-23.0 dBm
Saturation or Overload (P_s)	-3.0 dBm	