

1.25 Gbps SFP Transceiver

L4 Optics | Single Mode | Bi-Directional 1550/1310 nm | 40 km

Optics

760-G75S1-40

760-G75S1-45

Features

- Transceiver unit with independent:
 - DFB Laser Diode transmitter
 - InGaAs PIN Photodiode receiver
- Digital diagnostic monitoring (DDM)
- Meets SFP MSA and SFF-8472 with simplex 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	Transmit: 1550 nm Receive: 1310 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-G75S1-40: -20 ~ 70 °C 760-G75S1-45: -40 ~ 85 °C
Voltage	3.3 V

Transmitter Characteristics

Parameter	Minimum	Maximum
Wavelength (λ_p)	1530 nm	1570 nm
Launch or Output Power (P_0)	-5.0 dBm	-2.0 dBm

Receiver Characteristics

Parameter	Minimum	Maximum
Wavelength	1260 nm	1360 nm
Sensitivity (P_r)		-23.0 dBm
Saturation or Overload (P_s)	-3.0 dBm	

