1Gbps~11.3Gbps 40KM SFP+ Transceiver

CLSFP151G11GERI

Product Features:

- 1Gbps~11.3Gbps data links
- 40km with 9/125μm SMF
- Cooled EML laser
- Duplex LC Connector
- Hot-pluggable SFP+ footprint
- Single 3. 3V power supply

Functional Characteristics (Optical)

The following tables list the performance specifications for the various functional blocks of the integrated optical transceiver module.

Table 1 – Transmitter Optical Specifications

Parameter	Symbol	Min.	Typical	Max.	Unit
Centre Wavelength	λc	1530	1550	1570	nm
Spectral Width (-20dB)	σ			1	nm
Average Output Power	Pout	-2		5	dBm
Extinction Ratio	ER	8			dB
Average Launch Power of Off Transmitter	Poff			-30	dBm

Table 2 – Receiver Optical Specifications

Parameter	Symbol	Min.	Typical	Max.	Unit
Centre Wavelength	λc	1200	1550	1600	nm
Receiver Sensitivity	PIN			-16	dBm
Receiver Overload	Pmax	-1			dBm
LOS De-Assert	LOSD			-21	dBm
LOS Assert	LOSA	-25			dBm
LOS Hysteresis		0.5		4.5	dB

Ordering Information

Table 3 - Ordering Information

Part No.	Data Rate	DDM	Wave	Fiber Type	Dist.	Temp.	Optical Interface
CLSFP151G11GERI	1Gbps~11.3Gbps	yes	1550nm	SMF	40km	-40~85℃	LC

CONTACT:

Email: sales@c-light.com https://www.c-light.com