115Kbps~100Mbps 40km SFP Transceiver
CLSFP1M151340

Product Features:

- Support 115.2kbps to 100Mbps application
- 40km on 9/125μm SMF
- 1310nm 1550nm DFB laser + PIN-TIA receiver
- Simplex LC Connector
- Hot-pluggable SFP footprint
- Single 3. 3V power supply
- Operating temperature: 0℃~70℃
- RoHS

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 CLSFP1M151340I	λc	1480	1550	1580	nm
Spectral Width (RMS)	σ			4	nm
Average Output Power	Pout	-3		3	dBm
Extinction Ratio	EX	10			dB
Optical Rise/Fall Time	tr/tf			2	ns

Table 2 – Receiver Optical Specifications

Parameter	Symbol	Min.	Typical	Max.	Unit
Centre Wavelength CLSFP1M151340I	λc	1260	1310	1360	nm
Receiver Sensitivity	PIN			-30	dBm
Receiver Overload	PMAX	3			dBm
LOS De-Assert	LOSD			-34	dBm
LOS Assert	LOSA	-40			dBm
LOS Hysteresis		0.5		4.5	dB

Ordering Information

Table 3 - Ordering Information

Part No.	Data Rate	Wave	Fiber Type	Dist.	Temp.	Optical Interface
CLSFP1M151340	115.2kbps to 100Mbps	1550nm /1310nm	SMF	40km	0~70℃	LC Simplex

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