

16Gbps SFP+ Electrical Passive Loopback CL16GSEPL

Product Features:

- Available customized memory maps
- Up to 16Gbps data rate
- Hot-pluggable
- MSA
- SFF-8431/8461 MSA Compliant
- Operating temperature: -40 to 90°C
- Insertion Loss < 5dB
- Power Consumption < 0.5W
- RoHS and RoHS-6 compliance

Applications:

- SFP port / System testing
- Data Center & Networking testing
- Ethernet IEEE 802.3 (Gigabit, 10 Gigabit, FCoE)
- InfiniBand SDR, DDR, QDR and FDR compatible working
- SONET, SDH, GbE, Fibre Channel branch

Functional Characteristics (Electrical)

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

Table 1 – Electrical Specifications

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Bit Error Rate				1E-12		
Supply Current			2		mA	
Data Path		90	100	110	Ohms	Differential Impedance
Durability Cycles			100		Times	



Table 2 – Recommended Operating Conditions

Parameter	Symbol	Min.	Typ.	Max.	Unit	Notes
Storage Temperature	ST	-40		85	°C	
Operating Temperature	OT	-40		85	°C	
Data DC Voltage	Voffset	-10		10	Vpk	V (Tx+, Tx-, Rx+, Rx-) to ground
Supply Voltage	Vcc	3.13	3.3	3.47	Vdc	
Baud Rate	BRate	1.25	10.3125	1.25	Gbps	

Ordering Information

Table 3 - Ordering Information

Part No.	Description
CL16GSEPL	16Gbps SFP+ Electrical Passive Loopback

CONTACT:

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