

25Gb/s SFP28 Optical Transceiver Module

SEP6100LR-GL SEP6100LR-GL-M SEP6100LR-GL-W

(25GBASE-LR, 1310nm DFB-LD, PIN-PD)

Features

- ◆ 25Gb/s Serial Optical Interface
 - High quality and reliability optical device and sub-assemblies
 - 1310nm DFB laser for up to 10km over single mode fiber
 - High sensitivity PIN photodiode and TIA
- ◆ SFP28 MSA Compliant
 - Compliant with SFF 8431 for electrical interface
 - SFI High Speed electrical interface
 - Tx_Disable and Rx_LOS function supported
 - Compliant with SFF 8432 for mechanical interface
 - SFP Mechanical Interface for easy removal
 - Duplex LC Receptacle
 - Compliant with SFF 8742 for 2-wire interface for management and diagnostic monitor
- ◆ Support Protocol (25.78Gb/s)
 - IEEE802.3cc 25GBASE-LR
- ◆ Low Power Consumption for Single 3.3V Power Supply

Not over 1W in commercial temperature range of 0 to 70 deg.C (SEP6100LR-GL) and Not over 1.2W in extended Temperature range of -5 to 85deg.C (SEP6100LR-GL-M), -40 to 85degC (SEP6100LR-GL-W)
- ◆ RoHS compliant



Applications

- ◆ 25G Ethernet switches and routers
- ◆ 25GE Storage
- ◆ Inter Rack Connection
- ◆ Other high speed data connections

