

10Gb/s SFP+ Optical Transceiver Module

SPP5300LR series

(10GBASE-LR/LW and 1200-SM-LL-L, 1310nm DFB-LD, PIN-PD, 10km)

Features

- ◆ 10Gb/s Serial Optical Interface
 - High quality and reliability optical device and sub-assemblies
 - 1310nm DFB-DML for up to 10km over single mode fiber
 - High sensitivity PIN photodiode and TIA
- ◆ SFP+ 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 Dual Protocol (9.95Gbps to 10.52Gbps)
 - IEEE802.3ae 10GBASE-LR/LW
 - ANSI 10GFC 1200-SM-LL-L
- ◆ Power Supply
 - ◆ Single 3.3V Power Supply
- ◆ RoHS6 compliant



Applications

- ◆ 10G Ethernet switches and routers
- ◆ 10GE Storage
- ◆ 10GFC Storage
- ◆ Inter Rack Connection
- ◆ Other high speed data connections

