

CWDM 10Gb/s SFP Optical Transceiver Module

SPP5100CA series

(CWDM, 1471nm to 1611nm EML, APD, 70km)

Features

- ◆ 10Gb/s Serial Optical Interface
 - High quality and reliability optical device and sub-assemblies
 - CWDM EA-DFB laser for up to 70km over Single Mode Fiber
 - High sensitivity APD and TIA
- ◆ SFP+ MSA Compliant
 - Easy supply management for hot pluggability
 - Duplex LC Receptacle
 - SFP Mechanical Interface for easy removal
 - SFI High Speed Electrical Interface
 - 2-wire interface for management and diagnostic monitor
 - Tx_Disable and Rx_LOS functions
- ◆ Protocol
 - IEEE802.3ae 10 Gigabit Ethernet
 - LAN PHY/WAN PHY
- ◆ Power Supply
 - Single 3.3V power supply
- ◆ RoHS6 compliant



Wavelength lineup

- ◆ 1471, 1491, 1511, 1531, 1551, 1571, 1591, 1611nm

Applications

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

