

10Gb/s SFP Optical Transceiver Module

SPP5200DLGLWFxxx

(CPRI application and 10GBE, 80km DWDM Cooled EA-DFB-LD, APD)

Features

- ◆ 10Gb/s Serial Optical Interface
 - High quality and reliability optical device and sub-assemblies
 - CPRI application and 10Gb/s Compatible Optical Interface High quality and reliability optical device and sub-assemblies
 - DWDM cooled EA-DFB laser for up to 80km 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
 - CPRI Specifications
 - IEEE802.3ae 10 Gigabit Ethernet LAN PHY/
WAN PHY
- ◆ Power Supply
 - Single 3.3V power supply
 - Max 2.0W power consumption
- ◆ RoHS compliant



Applications

- ◆ Radio Base Station
- ◆ Radio Equipment Control (REC)
- ◆ Radio Equipment (RE)
- ◆ 10GE Ethernet switches and routers
- ◆ Other high speed data connections

