

100Gb/s CFP Optical Transceiver Module

SCF1002/1012L4 Series

(100GBASE-LR4, ITU-T OTU-4, 1300nm 4-lane WDM, EA-DFB, PIN-PD 10km)

Features

- ◆ 4-lane x 25.78Gb/s L-WDM Optical Interface
 - High quality and reliability optical sub-assemblies
 - 1300nm Cooled WDM EA-DFB Transmitter with optical MUX
 - High Sensitivity PIN-TIA with optical DEMUX
 - 1300nm band with 800GHz spacing LAN WDM grid up to 10km over a SMF
- ◆ IEEE802.3ba Compliant
 - IEEE802.3 Clause 88 100GBASE-LR4
 - CAUI(10x10G) Electrical Interface
 - MDIO Interface for module management
- ◆ OTU-4 Rate Operation (SCF1012L4 only)
 - 4x27.95 Gb/s lane operation to support OTU-4
 - ITU-T 411-9D1F compatible 2km Optical I/F Option Available
- ◆ CFP MSA Compliant
 - Easy supply management for hot pluggability
 - CFP MSA Form Factor
 - 148pin Electrical Connector
 - Duplex SC or LC Receptacle
- ◆ Low Power Consumption
 - 3.3V single power supply, 16W max.
- ◆ RoHS Compliant



Applications

- 100GE Enterprise switches and routers
- Carrier Grade 100GE Core-routers
- Point to Point and Ring Application
- Inter Rack Connection
- Other high speed data connections

