

Product Specification

100G Ethernet 10km CFP Optical Transceiver Module

CCS-900A07D0-13



PRODUCT FEATURES

- Hot-pluggable CFP form factor
- Supports 103.1Gb/s aggregate bit rate
- Power dissipation < 24W
- RoHS-6 compliant (lead-free)
- Commercial case temperature range of 0°C to 70°C
- Single 3.3V power supply
- Maximum link length of 10km on Single Mode Fiber (SMF)
- Temperature-stabilized 4x25Gb/s LAN-WDM transmitter
- CAUI electrical interface
- Duplex SC or LC receptacles
- MDIO management interface



APPLICATIONS

- 100GBASE-LR4 100G Ethernet

CCS-900A07D0-13 100GE CFP transceiver modules are designed for use in 100 Gigabit Ethernet links over single mode fiber. They are compliant with the CFP MSA1 and IEEE 802.3ba 100GBASE-LR42. Digital diagnostics functions are available via an MDIO interface, as specified by the CFP MSA. The transceiver is RoHS-6 compliant and lead-free per Directive 2002/95/EC3.

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