

PRELIMINARY Product Specification

100G Ethernet 100m CFP Optical Transceiver Module

CCM-900A02D0-85



PRODUCT FEATURES

- Hot-pluggable CFP form factor
- Supports 103.1Gb/s aggregate bit rate
- Power dissipation < 12W
- RoHS-6 compliant (lead-free)
- Commercial case temperature range of 0°C to 70°C
- Single 3.3V power supply
- Maximum link length of 100m on OM3 Multimode Fiber (MMF) and 150m on OM4 MMF
- Uncooled 10x10Gb/s 850nm transmitter
- CAUI electrical interface
- Single MPO24 receptacle
- MDIO management interface



APPLICATIONS

- 100GBASE-SR10 100G Ethernet

CCM-900A02D0-85 100GE CFP transceiver modules are designed for use in 100 Gigabit Ethernet links over multimode fiber. They are compliant with the CFP MSA1 as defined in this document and with IEEE 802.3ba 100GBASE-SR102. Digital diagnostics functions are available via the MDIO interface. The transceiver is RoHS-6 compliant and lead-free per Directive 2002/95/EC3.

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