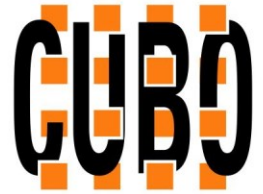


# Product Specification

## 10km Multi-rate 100G CFP Optical Transceiver Module

### CCS-903A09D0-13



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#### PRODUCT FEATURES

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- Hot-pluggable CFP form factor
- Supports 103.1Gb/s and 112Gb/s aggregate bit rates
- 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
- 10x10G MLD electrical interface
- Duplex SC or LC receptacles
- MDIO management interface



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#### APPLICATIONS

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- OTN OTU4 411-9D1F
- 100GBASE-LR4 100G Ethernet

CCS-903A09D0-13 100GE CFP transceiver modules are designed for use in 100 Gigabit Ethernet links and 4x28G OTN client interfaces over single mode fiber. They are compliant with the CFP MSA1, IEEE 802.3ba 100GBASE-LR42 and OTU4 411-9D1F requirements specified in ITU-T Recommendations G.959.1/G.709. 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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