

100G-BASE-LR4 10km CFP Optical Transceiver

GTR4CL

Features

- Hot Pluggable CFP MSA package
- IEEE 802.3ba 100GBASE-LR4 compliant
- ITU-T 411-9D1F compliant
- CFP-MSA-HW-Spec-rev1-40 compliant
- Up to 10km for G.652 SMF
- Receiver: 4-lane x 25Gb/s PIN ROSAs
- Transmitter: 4-lane x 25Gb/s LAN-WDM TOSAs (1295.56,1300.05,1304.58,1309.14nm)
- 10x10G Electrical Serial Interface (CAUI/OTL4.10)
- MDIO management interface with Digital Diagnostic
- +3.3V power supply
- Power consumption less than 16.5W
- Compact size: 144.75 x 82 x 13.6 mm
- Operating case temperature: 0 to +70 °C
- Duplex SC or LC Receptacle
- ROHs-6 compliant



Applications

- 100GBase-LR4 Ethernet
- ITU-T OTU4

Description

GWorld Opto's GTR4CL CFP transceivers are designed for use in 100 Gigabit Ethernet links over 10km single module fiber, and it compliant to the CFP MSA and IEEE 802.3ba 100GBASE-LR4. Digital diagnostics are available via MDIO as specified in the CFP MSA Management Interface Specification.

The transceiver's designs are optimized for high performance and cost efficiency to provide customers the best solutions for Datacom and Telecom applications.

The transceiver is RoHS-6 compliant and lead-free per Directive 2002/95/EC.

Product Selection

GTR4CL

G: GWorld
TR: Transceiver
4: 100Gb/s
C: CFP Solution
L: 10km