

100G-BASE-ER4 40km CFP Optical Transceiver

GTR4C2E-S

Features

- Hot Pluggable CFP MSA package
- IEEE 802.3ba 100GBASE-ER4 compliant
- CFP-MSA-HW-Spec-rev1-40 compliant
- Up to 40km for G.652 SMF
- Receiver: 4-lane x 25Gb/s PIN ROSA
- Integrated Low noise and low distortion SOA
- Transmitter: 4-lane x 25Gb/s LAN-WDM EA-DFB TOSA (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 14W
- Compact size: 144.75 x 82 x 13.6 mm
- Operating case temperature: -5 to +70 °C
- Duplex Straight LC/PC Receptacle
- ROHs-6 compliant



Applications

- 100GE Routers and Switches
- 100G Network Security

Description

GWorld Opto's GTR4C2E-S CFP transceivers are designed for use in 100 Gigabit Ethernet links over 40km single module fiber, and it compliant to the CFP MSA and IEEE 802.3ba 100GBase-ER4. 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

GTR4C2E-S

G: GWorld
TR4: 100Gb/s Transceiver
C2: CFP Solution 2
E: ER4 40km
S: Single Rate