

TR-D661-DF2K-DDB0



Overview

TR-D661-DF2K-DDB0 is a four-channel, pluggable QSFP28 CWDM4 transceiver designed for use in 100G Ethernet links for up to 2km reach over duplex single mode fiber cable. The transceiver is compliant to the QSFP28 MSA, CWDM4 MSA and IEEE 802.3bm. Transceiver monitor, control and digital diagnostics are provided via I2C interface as defined in QSFP28 MSA.

Features

- Hot pluggable QSFP form factor
- Compliant to IEEE 802.3bm electrical specifications Clause 83E (CAUI-4)
- Compliant to CWDM4 MSA
- Compliant to QSFP28 MSA Specifications, including SFF-8665 Rev. 1.9
- Four-channel full-duplex transceiver module
- Up to 2km link length over single mode fiber at aggregate 103.125Gbps
- Power consumption < 3.5W
- Operating case temperature range of 0°C to +70°C
- 3.3V power supply voltage
- Duplex LC receptacles
- Built-in digital diagnostic function
- I²C Management Interface
- Pull tab based latching mechanism (MSA Compliant Green color)
- Remote firmware upgrade capability using I2C interface
- Provides capability to place CDRs in bypass mode for 40G operation
- Programmable output de-emphasis and input CTLE
- RoHS 6 compliant