QFP-5140 100Gbps ER4 Single-mode QSFP28 Lan-WDM Transceiver, 40km, 1310nm, Duplex LC

Product Images





Short Description

- 100 Gbps aggregate data rate (4×25 Gbps lanes)
- 100GBASE-ER4 Single-mode fiber for the link up to 40km
- DFB transmitter and APD-TIA photodetector with a center wavelength range of 1310 nm
- Provides duplex LC connector
- Hot-swappable
- Compatible with QSFP28 Multi-Sourcing Agreement (MSA) standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Commercial operating temperature range: 0°C to 70°C

Description

The LevelOne QFP-5140 is a 100Gbps ER4 Single-mode QSFP28 Lan-WDM Transceiver engineered for ultra-long-distance, high-speed data transmission. It offers an aggregate data rate of 100 Gbps through four 25 Gbps lanes and supports 100GBASE-ER4 single-mode fiber links up to 40 kilometers.

Equipped with a DFB transmitter and APD-TIA photodetector operating at a center wavelength of 1310 nm, the module features a duplex LC optical connector for reliable fiber connectivity. The transceiver is hot-swappable and fully compliant with QSFP28 Multi-Sourcing Agreement (MSA) standards, enabling easy installation and maintenance.

Additional capabilities include Digital Diagnostics Monitoring (DDM) for real-time performance and status monitoring. Operating within a commercial temperature range of 0°C to 70°C, the QFP-5140 is ideal for enterprise and data center networking applications requiring extended reach connectivity.

Additional Information

Harmonized System (HS) code.	851762
Customs product code (TARIC).	8517620000
Features.	• DDM (Digital Diagnostics Monitoring) • Hot-swappable
Fiber Optical Mode.	Single-Mode
Grade.	Commercial
Operating humidity.	0% RH ~ 85% RH
Operating temperature.	0°C ~ 70°C
Package Content.	Quick installation guide
Storage humidity.	5% RH ~ 85% RH
Storage temperature.	-40°C ~ 85°C
Package Contents.	• Quick Installation Guide • Declaration of Conformity
Color.	Silver
EAN.	4015867242261
Model Number.	QFP-5140

