



# AOC-0502, 100Gbps QSFP28 Active Optical Cable, 2m

## Product Images



## Short Description

- Data rates of up to 100Gbps
- Compliant with 100GBASE-SR4 standards
- Supports EDR 4x link bandwidth
- Compliant with QSFP28 Multi-Sourcing Agreement (MSA) standards
- Supports Digital Diagnostics Monitoring (DDM) for easy status monitoring
- Hot-swappable providing non-stop service

## Description

---

The LevelOne Quad Small Form-factor Pluggable 28 (QSFP28) active optic cable is further increase performance for applications that are I/O-intensive for 100G Ethernet. This connecting system offer 4 channels and maximun 100Gbps which are based on the proprietary technique Chip on board (COB), This module provides high performance and excellent efficiency in optical communication, offers system developers and planners a high degree of flexibility.

## Additional Information

|                                 |                                                                                                                                                                                                                                                       |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval and compliance         | Laser class 1M product according to IEC / EN 60825-1:2014 (Third Edition). complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated June 24, 2007. Comply with RoHS Directive 2011/65/EU and 2015/863/EU |
| Max. operating humidity (%)     | 85                                                                                                                                                                                                                                                    |
| Max. operating temperature (°C) | 70                                                                                                                                                                                                                                                    |
| Max. storage humidity (%)       | 90                                                                                                                                                                                                                                                    |
| Max. storage temperature (°C)   | 85                                                                                                                                                                                                                                                    |
| Min. storage temperature (°C)   | -40                                                                                                                                                                                                                                                   |
| Standards                       | 100GBASE-SR4, CAUI-4 specification per IEEE 802.3bm                                                                                                                                                                                                   |
| Wavelength (nm)                 | 850nm (VCSEL / InGaAs PIN)                                                                                                                                                                                                                            |
| General features                | Data Rate: 103.1Gbps (25.78125 Gbps per Channel), Compliant with QDR/DDR data rates. Port: QSFP28 to QSFP28, Power Input: 3.3V, Power Consumption: 1.5W                                                                                               |
| Product weight (kg)             | 0.1095                                                                                                                                                                                                                                                |
| Product breadth (mm)            | 18.35                                                                                                                                                                                                                                                 |
| Product depth (mm)              | 8.5                                                                                                                                                                                                                                                   |
| Product height (mm)             | 2000                                                                                                                                                                                                                                                  |
| Color                           | Silver                                                                                                                                                                                                                                                |
| EAN                             | 4015867224144                                                                                                                                                                                                                                         |
| Model number                    | AOC-0502                                                                                                                                                                                                                                              |
| Package contents                | AOC-0501, Quick Installation Guide                                                                                                                                                                                                                    |
| Transceiver Type                | QSFP28 AOC                                                                                                                                                                                                                                            |

