

# Dell AOC-QSFP-100G-30M Datasheet



Dell AOC-QSFP-100G-30M 100G-AOC QSFP28 to QSFP28 30m Active Optical Cable 038-004-661-01

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This Dell AOC-QSFP-100G-30M uses a new generation of technologies to accept the same electrical input as conventional copper cables, but it uses fiber between connectors to achieve a variety of advantages, including longer distances and higher bandwidth to achieve rapid and effective data transfer. It is suitable for short-distance high-speed data interconnection within data centers, enterprise cores, distribution layers, and high-performance computing applications.

## Features

- Four-channel full-duplex active optical cable
- Multirate capability: 10Gb/s to 25Gb/s per channel
- QSFP28 high-density form factor
- Low power dissipation: <3.5W per cable end
- Low weight for high-port-count architectures
- Allow different equipment connect by configuring each end of the cable

## Specifications

- Brand: Dell
- Part Number(s): AOC-QSFP-100G-30M, 038-004-661-01

- Form Factor: QSFP28 AOC
- Max Data Rate: 100 Gb/s
- Wavelength: 850 nm
- Supply Voltage: 3.3V
- Cable Color: Aqua
- Fiber Type: OM3
- Cable Length: 30 meter (98.4 ft)
- Cable Diameter: 3 mm
- Minimum cable bend radius: 25 mm
- Cable Jacket Type: LSZH
- Connector: QSFP28 to QSFP28
- Digital Diagnostic Monitoring: Yes
- Environment
  - Operating: 0°C to 70°C
  - Storage: -40°C to 85°C
- Weight: 0.75 kg
- Applications
  - 100G Ethernet transmission
  - Infiniband FDR, EDR
  - Proprietary High-Speed Interconnections
  - High-performance computing clusters
  - Fibre Channel

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