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Cloud Series

800G QSFP-DD DR8

Features
• 8x106.25Gbps(PAM4) optical signal
• Operation case temperature: 0~70 ºC
• Up to 500m transmission on SMF with FEC

Applications
• Next Generation Data Center Networking

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400G QSFP-DD DR4

Features
• Optical bit rate: 4 x 106.25Gb/s PAM4
• 4 parallel optical lanes on 1310nm wavelength
• Transmission distance: 500 m over SMF with FEC
• Power consumption: < 12W
• Operating case temperature: 0~70 ºC
• MPO-12 connector

Applications
• Datacom 400G Switch & Router connections

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400G QSFP-DD DR4+

Features
• Optical bit rate: 4 x 106.25Gb/s PAM4
• 4 parallel optical lanes on 1310nm wavelength
• Transmission distance: 2km over SMF with FEC
• Power consumption: < 12W
• Operating case temperature: 0~70 ºC
• MPO-12 connector

Applications
• Datacom 400G Switch & Router connections

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Cloud Series

**400G QSFP-DD FR4**

- **Features**
  - Optical bit rate: 4 x 106.25Gb/s PAM4
  - 4 CWDM lanes MUX/DEMUX design
  - Transmission distance: 2km over SMF with FEC
  - Power consumption: < 12W
  - Operating case temperature: 0~70 °C
  - Duplex LC connector

- **Applications**
  - Datacom 400G Switch & Router connections

**400G QSFP-DD SR8**

- **Features**
  - QSFP-DD MSA compliant
  - Transmission distance: 100 m over OM4 MMF
  - Power consumption: < 10.5W
  - Operating case temperature: 0~70 °C

- **Applications**
  - Datacom 400G Switch & Router connections

**400G QSFP-DD AOC**

- **Features**
  - Cable length: max 100m with OM4 MMF
  - Power consumption: < 10.5W each end
  - Operating case temperature: 0~70 °C
  - 400G AVI-B C2M electrical interface

- **Applications**
  - Datacom 400G Switch & Router connections
Cloud Series

100G QSFP28 FR1

Features
- 4 x 25Gbps NRZ electrical interface
- 106.25Gbps(PAM4) optical signal
- Power consumption: <4W
- Operating case temperature: 0~70 °C
- Up to 2km transmission on SMF with FEC

Applications
- 100G Ethernet
- Data Center Networking

100G QSFP28 DR1

Features
- 4 x 25Gbps NRZ electrical interface
- 106.25Gbps(PAM4) optical signal
- Power consumption: <4W
- Operating case temperature: 0~70 °C
- Up to 500m transmission on SMF with FEC

Applications
- 100G Ethernet
- Data Center Networking

100G QSFP28 DR1+

Features
- 4 x 25Gbps NRZ electrical interface
- 106.25Gbps(PAM4) optical signal
- Power consumption: <4W
- Operating case temperature: 0~70 °C
- Up to 2km transmission on SMF with FEC

Applications
- 100G Ethernet
- Data Center Networking
Cloud Series

100G QSFP28 LR4

Features
- Integrated cooled LAN-WDM DML TOSA and PIN ROSA
- Transmission data rate up to 25.78Gbit/s per channel
- Power consumption: <4W
- Operating case temperature: 0~70 °C
- Up to 10km reach for 6.652 SMF
- 2-wire interface for integrated Digital Diagnostic monitoring

Applications
- 100G Ethernet

100G QSFP28 CWDM4

Features
- Links up to 2km on SMF with FEC
- Operating case temperature: 0~70°C
- Power consumption: <3.5W
- Integrated CWDM DFB TOSA (1271, 1291, 1311, 1331nm) and PIN ROSA
- DDM function implemented

Applications
- 100G Ethernet
- Proprietary High Speed Interconnections
Cloud Series

100G QSFP28 SR4

Features
- Links up to 100m using OM4 fiber
- Operating temperature range: 0~70°C
- Power consumption: <2.5W
- Independently parallel 4*25.78Gbps
- DDM function implemented
- Hot pluggable
- MPO connector
- Single +3.3V power supply

Applications
- 100G BASE-SR4 Ethernet
- Infiniband EDR interconnects
- High performance computing interconnect

100G QSFP28 AOC

Features
- Length available up to 100m
- Operating temperature range: 0~70°C
- Power consumption: <2.5W each end
- Independently parallel 4*25.78Gbps
- DDM function implemented
- Hot pluggable
- Single +3.3V power supply

Applications
- 100G BASE-SR4 Ethernet
- Infiniband EDR interconnects
- High performance computing interconnect
**Cloud Series**

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**40G QSFP+ SR4/eSR4**

**Features**
- Links up to 300m using OM3 fiber
- Operating temperature range: 0~70°C
- Power consumption: <1W
- Independently parallel 4 x 10.3125Gbps link
- DDM function implemented
- Hot pluggable
- MPO connector
- Single +3.3V power supply

**Applications**
- 40G BASE- SR4 Ethernet
- Infiniband QDR interconnects
- High performance computing interconnect

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**40G QSFP+ AOC**

**Features**
- Length available up to 100m
- Operating temperature range: 0~70°C
- Power consumption: <1W
- Independently parallel 4 x10.3125Gbps link
- DDM function implemented
- Hot pluggable
- Single +3.3V power supply

**Applications**
- 40G BASE- SR4 Ethernet
- Infiniband QDR interconnects
- High performance computing interconnect
Cloud Series

25G SFP28 SR

Features
- Fiber link up to 100m link over OM4 MMF
- 850nm VCSEL and PIN receiver
- SFI electrical Interface
- 2-wire interface for integrated Digital Diagnostic monitoring
- Duplex LC connector
- Power consumption: <1W
- Data rate up to 25.78Gbps
- Single +3.3V power supply
- Operating temperature range: 0–70°C

Applications
- 25G BASE-SR Ethernet

25G SFP28 AOC

Features
- Length available up to 100 meters
- 850nm VCSEL and PIN receiver
- SFI electrical Interface
- 2-wire interface for integrated Digital Diagnostic monitoring
- Power consumption: <1W
- Data rate up to 25.78Gbps
- Single +3.3V power supply
- Operating temperature range: 0–70°C

Applications
- 25Gigabit Ethernet
- Data Center Networking
- High Performance Computing Interconnects

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