

400G QSFP-DD DAC



Features

- Cable length up to 2.5m
- Data rate up to 56Gbps PAM4 per channel
- Compliant with QSFP-DD MSA form factor
- Compliant with IEEE 802.3cd and CMIS
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket

400G QSFP-DD AEC



Features

- Cable length up to 7m (BER<10-8 pre-FEC)
- Data rate up to 56Gbps PAM4 per channel
- Compliant with QSFP-DD MSA form factor
- Compliant with IEEE 802.3cd and CMIS
- Power consumption about 4.5W per cable end
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket, or braided sleeve

400G QSFP112 DAC



Features

- Cable length up to 2m
- Data rate up to 112Gbps PAM4 per channel
- Compliant with QSFP112 MSA form factor
- Compliant with IEEE 802.3ck and CMIS
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket

800G QSFP-DD DAC



Features

- Cable length up to 2m
- Data rate up to 112Gbps PAM4 per channel
- Compliant with QSFP-DD MSA form factor
- Compliant with IEEE 802.3ck and CMIS
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket, or braided sleeve

400G QSFP-DD DAC 1 × 4



Features

- Cable length up to 2.5m
- Data rate up to 56Gbps PAM4 per channel, 2 electrical lanes of 56Gbps PAM4 signal on each QSFP56 end
- QSFP-DD module is compliant with QSFP-DD MSA and CMIS
- QSFP56 module is compliant with SFF-8636 MSA
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket

Features

- Cable length up to 4m
- Data rate up to 112Gbps PAM4 per channel
- Compliant with QSFP-DD MSA form factor
- Compliant with IEEE 802.3ck and CMIS
- Power consumption less than 1.3W per cable end
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket, or braided sleeve

800G QSFP-DD ACC



Features

- Cable length up to 2.5m
- Data rate up to 56Gbps PAM4 per channel
- Compliant with QSFP-DD/ SFP56 MSA form factor
- Compliant with IEEE 802.3cd and CMIS
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket

400G QSFP-DD DAC 1 × 8



800G OSFP DAC



Features

- Cable length up to 2m
- Data rate up to 112Gbps PAM4 per channel
- Compliant with OSFP MSA form factor
- Compliant with IEEE 802.3ck and CMIS
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket, or braided sleeve

800G QSFP-DD AEC



Features

- Cable length up to 7m
- Data rate up to 112Gbps PAM4 per channel
- Compliant with QSFP-DD MSA, IEEE 802.3ck, and CMIS
- Power consumption less than 5W (CDR) / 12W (DSP) per cable end
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket, or braided sleeve

Features

- Cable length up to 7m
- Data rate up to 112Gbps PAM4 per channel
- Compliant with OSFP MSA form factor
- Compliant with IEEE 802.3ck and CMIS
- Power consumption less than 5W (CDR) / 12W (DSP) per cable end
- Differential Impedance: 100Ω ± 10Ω
- Operating case temperature 0°C~70°C
- Cable with PVC or LSZH jacket, or braided sleeve

800G OSFP AEC



External High Speed Products
Product & Specifications

www.fit-foxconn.com

TSC (High Speed External Cable)

400G QSFP-DD SR8



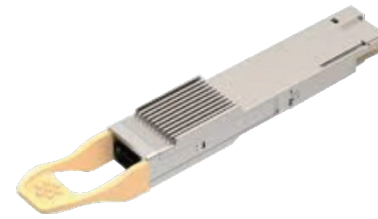
Features

- Data rate up to 53.125Gbps (26.5625GBd PAM4) per channel
- Compliant with QSFP-DD MSA form factor
- Compliant with IEEE 802.3cm, IEEE 802.3cd
- Reach up to 100m over OM5 MMF with FEC
- MPO24/PC or MPO16/APC receptacle
- 8-channels 850nm VCSEL array and PIN photo-detector array
- Operating case temperature 0°C~70°C
- 8W maximum power dissipation per 400G QSFP-DD SR8 module

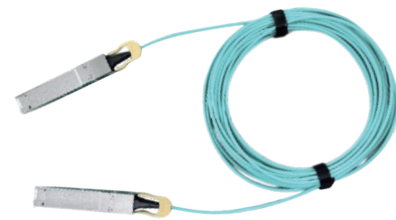
Features

- 8 × 106.25Gb/s electrical interface (800GAUI-8)
- Single +3.3V power supply
- DDM function implemented
- Supports 800GAUI-8 electrical interface
- Integrated 850nm VCSEL array and PD array
- Hot-pluggable QSFP-DD form factor
- Compliant with CMIS 5.0
- Maximum power consumption 14W
- Up to 106 Gbps data rate per channel by PAM4 modulation
- Compliant to QSFP-DD/QSFP-DD800/QSFP112 HW Rev 6.2
- Operating case temperature 0°C~70°C
- Compliant with ROHS2.0

800G QSFP-DD SR8



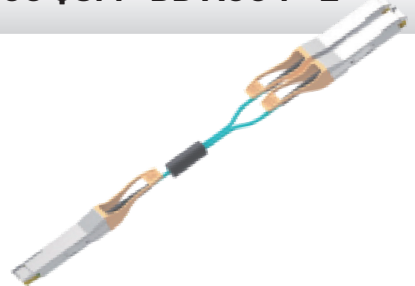
800G QSFP-DD AOC



Features

- Customizable length up to 30m
- 8×106.25Gb/s electrical interface (800GAUI-8)
- Single +3.3V power supply
- DDM function implemented
- Supports 800GAUI-8 electrical interface
- Integrated 850nm VCSEL array and PD array
- Hot-pluggable QSFP-DD form factor
- Compliant with CMIS 5.0
- Maximum power consumption 14W
- Up to 106 Gbps data rate per channel by PAM4 modulation
- Compliant to QSFP-DD/QSFP-DD800/QSFP112 HW Rev 6.2
- Operating case temperature 0°C~70°C
- Compliant with ROHS2.0

400G QSFP-DD AOC 1 × 2



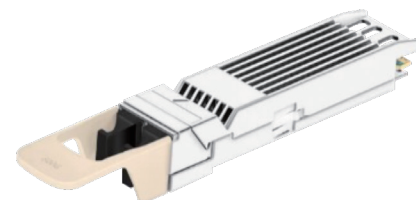
Features

- Data rate up to 53.125Gbps (26.5625GBd PAM4) per channel
- Compliant with QSFP-DD/QSFP56 MSA form factor
- Compliant with IEEE 802.3cm, IEEE 802.3cd
- Customizable length up to 30m (OM4)
- 8-channels 850nm VCSEL array and PIN photo-detector array
- Operating case temperature 0°C~70°C
- 6.5W maximum power dissipation per 400G QSFP-DD AOC module
- 5W maximum power dissipation per 200G QSFP56 SR4 module

Features

- 53.125 GBd PAM4 × 8 channel 800G-SR8 Optical interface
- 53.125 GBd PAM4 × 8 channel 800GAUI-8 C2M Electrical interface
- Power consumption <12W
- Compliant with OSFP MSA, CMIS and IEEE 802.3ck
- Built-in DSP
- 850nm VCSEL and PIN receiver
- OSFP MSA package with 2 × MPO-12 APC
- Up to 100m transmission distance on OM4 MMF
- Operating case temperature 0°C~70°C
- Very low EMI and excellent ESD protection

800G OSFP SR8



800G OSFP AOC



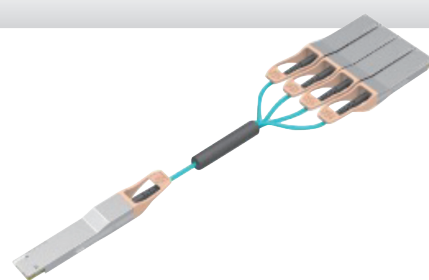
Features

- Customizable length up to 30m
- 53.125 GBd PAM4 × 8 channel Optical interface
- 53.125 GBd PAM4 × 8 channel 800GAUI-8 C2M Electrical interface
- Power consumption <12W
- Compliant with OSFP MSA, CMIS and IEEE 802.3ck
- 850nm VCSEL and PIN receiver
- OSFP MSA package
- Maximum link length of 30m on OM4 MMF
- Operating case temperature 0°C~70°C

Features

- Customizable length up to 10m
- Data rate up to 53.125Gbps (26.5625GBd PAM4) per channel
- Compliant with QSFP-DD/QSFP56 MSA form factor
- Compliant with IEEE 802.3cm, IEEE 802.3cd
- 8-channels 850nm VCSEL array and PIN photo-detector array
- Operating case temperature 0°C~70°C
- 6.5W maximum power dissipation per 400G QSFP-DD AOC module
- 4.5W maximum power dissipation per 100G QSFP56 SR2 module

400G QSFP-DD AOC 1 × 4



Foxconn Interconnect Technology Limited

 www.fit-foxconn.com

 info@fit.com.tw

