



WELCOME TO  
800G/400G ERA!

- 800G
- 400G
- 200G
- 100G
- 50G
- 25G
- 10G



V 1.0

## ABOUT US

Eoptolink Technology Inc., Ltd (Eoptolink SZSE 300502 ) designs and manufacturers a complete range of optical transceivers for all types of Data Center and Telecom Network applications including FTTx, Mobile LTE/5G and Optical Transmission.

Headquartered in Chengdu, China, Eoptolink boasts an autonomous & vertically integrated production facility that enables precision high volume production.

Eoptolink serves customers all over the world and is dedicated to continuous innovation, improvement and customer satisfaction.

## HIGHLIGHTS

- Custom 35,000m campus headquarters
- Vertical integration
- Optical component design and production
- Automated high-quality production
- Extensive portfolio
- All major transceiver types, form factors & applications
- Custom design service
- Extensive R&D resources and experience
- Tier 1 DCO and OEM switch vendor approved
- All major safety and quality standards
- Worlds lowest power 100/400G portfolio

## CONTACTS

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If you cannot find the model you are looking for, please kindly contact us.



## 800G QSFP-DD and OSFP

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Eoptolink 800G transceivers are compliant to the latest releases of the QSFP-DD800 and OSFP MSAs. The firmware supports CMIS 4.0 and newer release. We offer transceivers for DR8,2xDR4 2xFR4 and 2xLR4 interfaces. Our vertical integration for optical engines enables leading performance and power consumption.

- Supports 2x 425Gb/s or 850Gb/s
- Single 3.3V Power Supply
- QSFP-DD800 or OSFP MSA Compliant
- 8x106.25 Gb/s (PAM4) optical interface
- 8x106.25 Gb/s (PAM4) electrical interface
- 0°C to 70°C
- CMIS 4.0 or higher support

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP-DD 800G DR8	EOLD-138HG-5H-MX	8x100G 800GbE	1310nm	500m	MPO	C
QSFP-DD 8x100G FR1	EOLD-138HG-02-MX	8x100G 800GbE	1310nm	2km	MPO	C
QSFP-DD 2x400G FR4	EOLD-168HG-E-02-SX	8x100G 800GbE	CWDM4	2km	2xCS	C
QSFP-DD 2x400G LR4	EOLD-168HG-E-02-SX	8x100G 800GbE	CWDM4	10km	2xCS	C
QSFP-DD 800G FR8	EOLD-168HG-02-X	8x100G 800GbE	LANWDM8	2km	LC	C
QSFP-DD 800G LR8	EOLD-168HG-10-X	8x100G 800GbE	LANWDM8	10km	LC	C

OSFP 800G DR8	EOLO-138HG-5H-MX	8x100G 800GbE	1310nm	500m	MPO	C
OSFP 8x100G FR1	EOLO-138HG-02-MX	8x100G 800GbE	1310nm	2km	MPO	C
OSFP 2x400G FR4	EOLO-168HG-E-02-SX	8x100G 800GbE	CWDM4	2km	2xCS	C
OSFP 2x400G LR4	EOLO-168HG-E-10-SX	8x100G 800GbE	CWDM4	10km	2xCS	C
OSFP 800G FR8	EOLO-168HG-02-X	8x100G 800GbE	LANWDM8	2km	LC	C
OSFP 800G LR8	EOLO-168HG-10-X	8x100G 800GbE	LANWDM8	10km	LC	C

## 400G QSFP-DD and OSFP

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Eoptolink 400G transceivers are compliant to the latest releases of the QSFP-DD and OSFP MSAs. The firmware supports CMIS 4.0 release. We offer transceivers for SR8, DR4, FR4 and LR4 interfaces. Our vertical integration for optical engines enables leading performance and power consumption.

- Supports 425Gb/s
- Single 3.3V Power Supply
- QSFP-DD or OSFP MSA Compliant
- 8x53.125Gb/s(PAM4) or 4x106.25 Gb/s(PAM4) optical interface
- 8x53.125Gb/s(PAM4) electrical interface
- 0°C to 70°C
- CMIS 4.0 support

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP-DD 400G SR8	EOLD-854HG-E-02-MXXX	400GbE	850nm	100m(OM4)	MPO	C
QSFP-DD 400G DR4	EOLD-134HG-5H-MXX	4x100G 400GbE	1310nm	500m	MPO	C
QSFP-DD 4x100G FR	EOLD-134HG-02-MXX	4x100G 400GbE	1310nm	2km	MPO	C
QSFP-DD 4x100G LR	EOLD-134HG-10-MXX	4x100G 400GbE	1310nm	10km	MPO	C
QSFP-DD 400G DR4	EOLD-134HG-5H-NXX	4x100G 400GbE	1310nm	500m	SN	C
QSFP-DD 4x100G FR	EOLD-134HG-02-NXX	4x100G 400GbE	1310nm	2km	SN	C
QSFP-DD 4x100G LR	EOLD-134HG-10-NXX	4x100G 400GbE	1310nm	10km	SN	C
QSFP-DD 400G FR4	EOLD-164HG-02-XX	400GbE	CWDM4	2km	LC	C
QSFP-DD 400G LR4	EOLD-164HG-10-XX	400GbE	CWDM4	10km	LC	C

OSFP 400G DR4	EOLO-134HG-5H-MXX	4x100G 400GbE	1310nm	500m	MPO	C
OSFP 4x100G FR	EOLO-134HG-02-MXX	4x100G 400GbE	1310nm	2km	MPO	C
OSFP 4x100G LR	EOLO-134HG-10-MXX	4x100G 400GbE	1310nm	10km	MPO	C
OSFP 400G FR4	EOLO-164HG-02-XX	400GbE	CWDM4	2km	LC	C
OSFP 400G LR4	EOLO-164HG-10-XX	400GbE	CWDM4	10km	LC	C
OSFP 2x200G FR4	EOLO-164HG-E-02-SXX	8x50G 400GbE	CWDM4	2km	2x CS	C

## 400G AOC

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Eoptolink 400G AOCs offer a high performance and cost effective solution for short reach interconnections.

- Supports 425Gb/s
- Single 3.3V Power Supply
- QSFP-DD MSA Compliant
- 8x53.125Gb/s(PAM4) electrical interface
- 0°C to 70°C
- CMIS 4.0 support

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP-DD 400G AOC	EOLD-4HG-PCT-XX-XX	400GbE	850nm	1-30m	NA	C

## 200G QSFP28-DD (2x100G)

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The 200G QSFP28-DDs are suitable for breakout applications. The transceivers can be placed in 400G ports and offer 2 interfaces for inter-connection towards 100G legacy interfaces.

- Supports 2x103Gb/s
- Single 3.3V Power Supply
- QSFP-DD MSA Compliant
- 8x25.78Gb/s (NRZ) electrical and optical interface
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP-DD 2×100G CWDM4	EOLD-162HG-E-02-1	8×25G 200GbE	CWDM4	2km	2x CS	C
QSFP-DD 2×100G 4WDM-10	EOLD-162HG-E-10-1	8×25G 200GbE	CWDM4	10km	2x CS	C
QSFP-DD 2×100G LR4	EOLD-162HG-E-10-L	8×25G 200GbE	LAN-WDM	10km	2x CS	C

## 200G QSFP56

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The 200G QSFP56 are using 4x50Gb/s PAM4 channels to achieve a 200GE connectivity suitable for switch interconnectivity.

- Supports 206Gb/s
- Single 3.3V Power Supply
- QSFP56 MSA Compliant
- 4x53.125Gb/s (PAM4) electrical and optical interface
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP56 SR4	EOLQ-852HG-02-M	4×50G 200GbE	850nm	100m(OM4)	MPO	C
QSFP56 FR4	EOLQ-162HG-02-X	4×50G 200GbE	CWDM4	2km	LC	C
QSFP56 LR4	EOLQ-162HG-10-XX	4×50G 200GbE	LAN-WDM	10km	LC	C

## 200G QSFP56-DD

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The 200G QSFP-DD are using 4x50Gb/s PAM4 channels to achieve a 200GE connectivity suitable for switch interconnectivity.

- Supports 212.5Gb/s
- Single 3.3V Power Supply
- QSFP-DD MSA Compliant
- support 4x53.125Gb/s (PAM4) and 8x25.78 Gb/s (NRZ) electrical interface
- 4x53.125Gb/s (PAM4) optical interface
- 0°C to 70°C
- CMIS 4.0 support

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP-DD 200G LR4	EOLD-162HG-10-L	4x50G 200GbE	LAN-WDM	10km	LC	C
QSFP-DD 200G ER4	EOLD-162HG-40-L	4x50G 200GbE	LAN-WDM	40km	LC	C



## 200G CFP2

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Following the CFP2 MSA and using PAM4 encoding, 200G CFP2 is suitable for mobile applications.

- Supports 206Gb/s
- Single 3.3V Power Supply
- CFP2 MSA Compliant
- 4x53.125Gb/s (PAM4) optical interface
- 8x25.78 Gb/s (NRZ) electrical interface
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
CFP2 200G LR4	EOLC-162HG-C-10-L	4×50G 200GbE	LAN-WDM	10km	LC	C
CFP2 200G ER4	EOLC-162HG-C-40-L	4×50G 200GbE	LAN-WDM	40km	LC	C

## 100G QSFP28 and SFP-DD (1x100G single lambda)

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Single lambda 1x100G QSFP28s and SFP-DD are perfect way to complement 100G portfolio.

- Supports 103Gb/s
- Single 3.3V Power Supply
- QSFP28 MSA Compliant
- 1x106.25 Gb/s (PAM4) optical interface
- 4x25.78Gbps (NRZ) electrical interface
- 100GE applications
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP28 DR	EOLQ-131HG-O-5H-X	1×100G 100GbE	1310nm	500m	LC	C
QSFP28 FR	EOLQ-131HG-O-02-X	1×100G 100GbE	1310nm	2km	LC	C
QSFP28 LR	EOLQ-131HG-O-10-X	1×100G 100GbE	1310nm	10km	LC	C

SFP-DD AOC	EOLS-1HG-PCT-XX	2×50G 100GbE	850nm	1-30m	NA	C
SFP-DD DR	EOLS-D131HG-O-5H-36	1×100G 100GbE	1310nm	500m	LC	C
SFP-DD FR	EOLS-D131HG-O-02-36	1×100G 100GbE	1310nm	2km	LC	C
SFP-DD LR	EOLS-D131HG-O-10-36	1×100G 100GbE	1310nm	10km	LC	C

## 100G QSFP28 (4x25G lambdas)

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We have a strong portfolio of QSFP28 transceivers covering both commercial and industrial applications.

- Supports 103Gb/s and 112 Gb/s
- Single 3.3V Power Supply
- QSFP28 MSA Compliant
- 4x25.78Gb/s and 4x27.95Gb/s (NRZ) electrical interface
- 100GE, OTU4 and CPRI10
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP28 SR4	EOLQ-851HG-02-MO	4x25G	850nm	100m(OM4)	MPO	C
QSFP28 CWDM4	EOLQ-161HG-02-1	4x25G 4x24.33G	CWDM4	2km	LC	C, I
QSFP28 4WDM4-10	EOLQ-161HG-10-1	4x25G 4x24.33G	CWDM4	10km	LC	C, I
QSFP28 4WDM4-20	EOLQ-161HG-20-L	4x25G	LAN-WDM	20km	LC	C, I
QSFP28 4WDM4-40	EOLQ-161HG-40-L	4x25G	LAN-WDM	40km	LC	C, I
QSFP28 LR4	EOLQ-161HG-10-L	4x25G	LAN-WDM	10km	LC	C, I
QSFP28 ER4 Lite	EOLQ-161HG-40-LX	4x25G ,4x28G	LAN-WDM	40km	LC	C
QSFP28 ZR4	EOLQ-161HG-80-L7	4x25G	LAN-WDM	80km	LC	C

## 100G AOC

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Eoptolink 100G AOCs offer a high performance and cost effective solution for short reach interconnections.

- Supports 4x25Gb/s
- 4:1 breakout support
- Single 3.3V Power Supply
- QSFP28 MSA Compliant
- 4x25.78Gb/s electrical interface
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP28 to 4xSFP28 AOC	EOLQ-1HG-PCT-XX-8-X	4×25G	850nm	1-70m	NA	C
QSFP28 AOC	EOLQ-1HG-PCT-XX-X	4×25G	850nm	1-70m	NA	C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
CFP to QSFP28 Adapter	EOLC-1HG-PCT-GH/AH	4x25G 100GbE, OTU4	NA	NA	NA	C
CFP2 to QSFP28 Adapter	EOLC-1HG-PCT-EH	4x25G 100GbE, OTU4	NA	NA	NA	C
CFP LR4	EOLC-161HG-10-L1A	4x25G 100GbE, OTU4	LANWDM	10km	LC	C
CFP ER4	EOLC-161HG-40-L1A	4x25G 100GbE, OTU4	LANWDM	40km	LC	C
CFP2 LR4	EOLC-161HG-C-10-L1A	4x25G 100GbE, OTU4	LANWDM	10km	LC	C
CFP2 ER4	EOLC-161HG-C-40-L1A	4x25G 100GbE, OTU4	LANWDM	40km	LC	C
CFP4 LR4	EOLC-161HG-S-10-L1A	4x25G 100GbE, OTU4	LAN-WDM	10km	LC	C
CFP4 ER4 Lite	EOLC-161HG-S-25-L1A	4x25G 100GbE, OTU4	LAN-WDM	25km	LC	C

## 50G QSFP28

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The 50G QSFP28 transceivers aggregate two 25G lanes into a single lambda 50G data stream. This offers a cost effective transport and is suitable for mobile networks.

- Supports 53.125Gb/s
- Single 3.3V Power Supply
- QSFP28 MSA Compliant
- 2x26.5625Gb/s (NRZ) electrical
- 1x53.125 Gb/s optical interface
- 10km and 40km options are available
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP28 PAM4 LR	EOLQ-1650G-O-10-A	1x50G 50GbE	1310nm	10km	LC	C
QSFP28 PAM4 ER	EOLQ-1650G-O-40	1x50G 50GbE	1310nm	40km	LC	C
QSFP28 PAM4 BIDI LR	EOLQ-BI1650G-10-AD/DAL	1x50G 50GbE	1270nm/1330nm	10km	LC	C
QSFP28 PAM4 BIDI ER	EOLQ-BI1650G-40-AD/DAL	1x50G 50GbE	1295nm/1309nm	40km	LC	C

## 50G SFP56

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SFP56 transceivers operate with PAM4 encoding both on the electrical and optical side.

- Supports 53.125Gb/s
- Single 3.3V Power Supply
- SFP56 MSA Compliant
- 53.125Gb/s(PAM4) electrical and optical interface
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
SFP56 SR	EOLP-8550G-02-3X	50G	850nm	100m(OM4)	LC	C
SFP56 DR	EOLP-1350G-5H-3X	50G	1310nm	500m	LC	C
SFP56 FR	EOLP-1350G-02-3X	50G	1310nm	2km	LC	C
SFP56 LR	EOLP-1350G-10-3X	50G	1310nm	10km	LC	C

## 40G QSFP+ and AOC

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The 40G QSFP+ transceivers are available for distances up to 40km. applications. The transceivers can be placed in 400G ports and offer 2 interfaces for inter-connection towards 100G legacy interfaces.

- Supports 41.25Gb/s (40GE)
- Single 3.3V Power Supply
- QSFP+ MSA Compliant
- 4x10.3125Gb/s (NRZ) electrical and optical interface
- multimode and singlemode options available
- 0°C to 70°C

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
QSFP+ AOC	EOLQ-8540G-PCT-XX-X	40GE	850nm	1-100m	N/A	C
QSFP+ SR4	EOLQ-8540G-02-MO	40GE	850nm	150m(OM4)	MPO	C
QSFP+ LR4	EOLQ-1640G-10	40GE	CWDM4	10km	LC	C, I
QSFP+ ER4	EOLQ-1640G-40	40GE	CWDM4	40km	LC	C, I



Product	Part No.	Application	Wavelength	Distance	Connector	Temp. Range
SFP28 AOC	EOLP-25G-PCT-XX-X	25GbE	850nm	1-100m	N/A	C
SFP28 SR	EOLP-8525G-02-RX	CPRI, 25GbE	850nm	100m(OM4)	LC	C, I
SFP28 LR Lite	EOLP-1325G-3H-RI	CPRI, 25GbE	1310nm	300m	LC	C, I
SFP28 CWDM	EOLP-1625G-10-XXRIC	CPRI, 25GbE	CWDM	10km	LC	C, E, I
SFP28 LR	EOLP-1325G-10-RI	CPRI, 25GbE	1310nm	10km	LC	C, I
SFP28 20km	EOLP-1325G-20-RIC	CPRI, 25GbE	1310nm	20km	LC	C, I
SFP28 ER	EOLP-1325G-40-LRIC	CPRI, 25GbE	1310nm	40km	LC	C, I
SFP28 BIDI 10km	EOLP-BI1625G-10-xxRI	CPRI, 25GbE	1270nm/1330nm	10km	LC	C, I
SFP28 BIDI 20km	EOLP-BI1625G-20-xxRI	CPRI, 25GbE	1270nm/1330nm	20km	LC	C, I
SFP28 BIDI 40km	EOLP-BI1625G-40-xxRIC	CPRI, 25GbE	1270nm/1310nm	40km	LC	C, I
SFP28 LWDM	EOLP-1625G-30-XXRIC	CPRI, 25GbE	8λ LAN-WDM	30km	LC	C, I
SFP28 DWDM	EOLP-1625G-13XXRIC	CPRI, 25GbE, 32G FC	DWDM	10km	LC	C, I

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
SFP+ Copper	EOLT-C96-02	10G <sup>(1)</sup>	NA	20m	RJ45	C, I
SFP+ SR	EOLP-8596-02-I	10G <sup>(1)</sup>	850nm	300m	LC	C, I
SFP+ LR	EOLP-1396-10-I	10G <sup>(1)</sup>	1310nm	10km	LC	C, I
SFP+ ER	EOLP-1596-40-I	10G <sup>(1)</sup>	1550nm	40km	LC	C, I
SFP+ ZR	EOLP-1596-80-I	10G <sup>(1)</sup>	1550nm	80km	LC	C, I
SFP+ EZR	EOLP-1596-A-N	10G <sup>(1)</sup>	1550nm	100km	LC	C
SFP+ BIDI 10km	EOLP-BI1696-9AD/DAIL	10G <sup>(1)</sup>	1270nm/1330nm	10km	LC	C, I
SFP+ BIDI 20km	EOLP-BI1696-12AD/DAIL	10G <sup>(1)</sup>	1270nm/1330nm	20km	LC	C, I
SFP+ BIDI 40km	EOLP-BI1696-16AD/DAIL	10G <sup>(1)</sup>	1270nm/1330nm	40km	LC	C, I
SFP+ BIDI 60km	EOLP-BI1696-21AD/DAIL	10G <sup>(1)</sup>	1270nm/1330nm	60km	LC	C, I
SFP+ CWDM DFB	EOLP-1696-10X	10G <sup>(1)</sup>	CWDM	10km	LC	C, I
SFP+ CWDM EML	EOLP-1696-14XN/23XN	10G <sup>(1)</sup>	CWDM	40km/70km	LC	C, I
SFP+ DWDM	EOLP-1696-14XXN/23XXN	10G <sup>(1)</sup>	DWDM	40km/80km	LC	C, I

Note<sup>(1)</sup>: for 10GbE, OTU-2, OBSAI, CPRI and Fibre Channel support please check datasheet

Product	Part No.	Data Rate	Wavelength	Distance	Connector	Temp. Range
SFP Copper	EOLT-C12-02	1.25Gb/s	NA	100m	RJ45	C
SFP SX	EOLS-8512-02	1.25Gb/s	850nm	550m	LC	C, I
SFP LX	EOLS-1312-10-D	1.25Gb/s	1310nm	10km	LC	C, I
SFP EX	EOLS-1312-40-D	1.25Gb/s	1310nm	40km	LC	C, I
SFP ZX	EOLS-1512-80-D	1.25Gb/s	1550nm	80km	LC	C, I
SFP EZX	EOLS-1512-B-D	1.25Gb/s	1550nm	120km	LC	C, I
SFP BIDI 10km	EOLS-BI1612-10-CLD EOLS-BI1612-10-LCD	1.25Gb/s	1310nm/1490nm	10km	SC	C, I
	EOLS-BI1612-10-CLDL EOLS-BI1612-10-LCDL	1.25Gb/s	1310nm/1490nm	10km	LC	C, I
SFP BIDI 20km	EOLS-BI1612-20-CLD EOLS-BI1612-20-LCD	1.25Gb/s	1310nm/1490nm	20km	SC	C, I
	EOLS-BI1612-20-CLDL EOLS-BI1612-20-LCDL	1.25Gb/s	1310nm/1490nm	20km	LC	C, I
SFP BIDI 40km	EOLS-BI1612-40-CLD EOLS-BI1612-40-LCD	1.25Gb/s	1310nm/1490nm	40km	LC	C, I
	EOLS-BI1612-40-CLDL EOLS-BI1612-40-LCDL	1.25Gb/s	1310nm/1490nm	40km	LC	C, I
100M FX SGMII	EOLS-1303-2M-G	125Mb/s	1310nm	2km	LC	C, I
100M LX SGMII	EOLS-1303-10-G	125Mb/s	1310nm	10km	LC	C, I
100M BIDI SGMII	EOLS-BIxx03-10-LG	125Mb/s	1310nm/1550nm	10km	LC	C, I
1G LX SGMII	EOLS-1312-10-G	1.25Gb/s	1310nm	10km	LC	C, I
1G BIDI SGMII	EOLS-BIxx12-10-LG	1.25Gb/s	1310nm/1550nm	10km	LC	C, I