

GIGALIGHT OPEN OPTICAL NETWORK PRODUCT GUIDE

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Open Optical Network Devices Explorer

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Pluggable Optical Transceivers

01

800G Optical Transceiver

| Product | LD | Reach | Optical Interface | Max. Power | P/N | Use |
|-----------------------|--------------|-----------------------|-------------------|------------|----------------------------------|-------|
| 800G QSFP VR8 | 850nm VCSEL | 30m (OM3) /50m (OM4) | MPO16/2xMPO12 | 13.5W | GOS-MPO801-VR8C | DC |
| 800G OSFP SR8 | 850nm VCSEL | 60m (OM3) /100m (OM4) | MPO16/2xMPO12 | 13.5W | GOS-MPO801-VR8C | DC |
| 800G OSFP DR8/DR8+ | 1310nm CW+MZ | 500m/2km | Dual MPO12 | 16W | GOS-SIB01DR8CA GOS-SIB01XR8C | DC |
| 800G OSFP DR8+ | 1310nm CW+MZ | 10km | Dual MPO12 | 16W | GOS-SIB01LDR8C | DC |
| 800G OSFP 2xFR4 | CWDM4 CW+MZ | 2km | Dual Duplex LC | 16W | GOS-SIB012FR4C | DC |
| 800G OSFP 2xLR4 | CWDM4 CW+MZ | 10km | Dual Duplex LC | 16W | GOS-SIB012LR4C | DC |
| 800G OSFP CWDM8 | CWDM8 EML | 2km | Dual LC | 15W | GOS-SPO801-CR8C | DC |
| 800G OSFP FR8 | LAN-WDM EML | 2km | Dual LC | 16W | GOS-SPO801-FR8C | DC |
| 800G OSFP LR8 | LAN-WDM EML | 10km | Dual LC | 16W | GOS-SPO801-LR8C | DC |
| 800G OSFP-DD VR8 | 850nm VCSEL | 30m (OM3) /50m (OM4) | MPO16/2xMPO12 | 13.5W | GOS-MPO801-VR8C | DC |
| 800G QSFP-DD SR8 | 850nm VCSEL | 60m (OM3) /100m (OM4) | MPO16/2xMPO12 | 13.5W | GOS-MPO801-SR8C | DC/5G |
| 800G QSFP-DD DR8/DR8+ | 1310nm CW+MZ | 500m/2km | MPO16 | 16W | GOS-SIB01DR8C | DC |
| 800G QSFP-DD DR8+ | 1310nm CW+MZ | 10km | MPO16 | 16W | GOS-SIB01DR8C | DC |
| 800G QSFP-DD 2xFR4 | CWDM4 CW+MZ | 2km | Dual Duplex LC | 16W | GOS-SIB012FR4C | DC |
| 800G QSFP-DD 2xLR4 | CWDM4 CW+MZ | 10km | Dual Duplex LC | 16W | GOS-SIB012LR4C | DC |
| 800G QSFP-DD CWDM8 | CWDM8 EML | 2km | Dual LC | 15W | GOS-SPO801-CR8C | DC |
| 800G QSFP-DD FR8 | LAN-WDM EML | 2km | Dual LC | 16W | GOS-SPO801-FR8C | DC/5G |
| 800G QSFP-DD LR8 | LAN-WDM EML | 10km | Dual LC | 16W | GOS-SPO801-LR8C | DC/5G |
| 800G QSFP-DD PSM8 | 1310nm CW+MZ | 2km/10km | Dual LC | 14.5W/16W | GOS-SIB01XDR8C GOS-SIB01LDR8C | DC/5G |

GIGALIGHT 01

50G/40G/32G/25G/16G Optical Transceiver

| Product | TX | RX | Max. Power | Reach | Temperature | P/N | Use |
|------------------|---|-------------|--------------|---------------------|-----------------|--|-------|
| 50G SFP56 SR | 850nm VCSEL | PIN | 2W | 100m | 0-70/-40-+85 | GSS-MPO560-SRRC GSS-MPO560-SRT | DC/5G |
| 50G SFP56 LR | 1310nm EML | PIN | 3W | 10km | 0-70/-40-+85 | GSS-SPO500-LR1C GSS-SPO500-LR1T | DC/5G |
| 50G SFP56 LR | 1310nm DML | PIN | 3W | 10km | 0-70/-40-+85 | GSS-SPO500-LR1C GSS-SPO500-LR1T | DC/5G |
| 50G SFP56 ER | 1310nm EML | APD | 3W | 40km | 0-70/-40-+85 | GSS-SPO500-ER1C GSS-SPO500-ER1T | DC/5G |
| 50G SFP56 BR20-D | 1330/1270nm EML | PIN | 3W | 20km | 0-70/-40-+85 | GBS-3327500-12C GBS-3327500-12T | DC/5G |
| 50G SFP56 BR20-U | 1270/1330nm EML | PIN | 3W | 20km | 0-70/-40-+85 | GBS-2733500-12C GBS-2733500-12T | DC/5G |
| 50G SFP56 BR30-D | 1310/1270nm EML | APD | 3W | 30km | 0-70/-40-+85 | GBS-3127500-L3C GBS-3127500-L3T | DC/5G |
| 50G SFP56 BR30-U | 1270/1310nm EML | APD | 3W | 30km | 0-70/-40-+85 | GBS-2731500-L3C GBS-2731500-L3T | DC/5G |
| 50G SFP56 DWDM | C-BAND EML | PIN | 3W | 5km | 0-70/-40-+85 | GSS-Dxx500-05C GSS-Dxx500-05T | DC/5G |
| 40G QSFP+ SR4 | 850nm VCSEL | PIN | 1.5W | 300m(OM3)/400m(OM4) | 0-70/-40-+85 | GOS-MPO400-SR4C GOS-MPO400-SR4T | DC/5G |
| 40G QSFP+ PSM4 | 1310nm FP/DML | PIN | 3.5W | 2km/10km | 0-70 | GOM-SPO400-IR4C GOM-SPO400-LR4C | DC/5G |
| 40G QSFP+ LR4 | CWDM4 FP/DML | PIN | 3.5W | 2km/10km | 0-70 | GOS-SPO400-IR4C GOS-SPO400-LR4C | DC/5G |
| 40G QSFP+ ER4 | CWDM4 DML | APD | 3.5W | 40km | 0-70 | GOS-SPO400-ER4C | DC/5G |
| 40G QSFP+ ZR4 | LWDM4 EML | APD | 3.5W | 80km | 0-70 | GOS-SPO401-ZR4C | DC/5G |
| 32G SFP28 SR | 850nm VCSEL | PIN | 1W | 70m(OM3)/100m(OM4) | 0-70/-40-+85 | GSS-MPO280-SRRC GSS-MPO280-SRRT | DC/5G |
| 32G SFP28 eSR | 850nm VCSEL | PIN | 1W | 200m(OM3)/300m(OM4) | 0-70/-40-+85 | GSS-MPO280-eSRRC GSS-MPO280-eSRRT | DC/5G |
| 32G SFP28 LR | 1310nm EML | PIN | 1.8W | 10km | 0-70/-40-+85 | GSS-MPO280-LRRC GSS-MPO280-LRRT | DC/5G |
| 32G SFP28 ER | 1310nm EML | APD | 1.8W | 40km | 0-70/-40-+85 | GSS-MPO280-ERRC GSS-MPO280-ERT | DC/5G |
| 32G SFP28 DWDM | C18-C61 100GHz EML | PIN | 1.8W | 2km/10km | 0-70/-40-+85 | GSS-Dxx280-LRC GSS-Dxx280-LRT | DC/5G |
| 25G SFP28 SR | 850nm VCSEL | PIN | 1W | 102m/300m | -40-+85 | GSS-MPO250-SRRC GSS-MPO250-SRRT | DC/5G |
| 25G SFP28 LR | 1310nm DML | PIN | 1.2W | 10km/20km | -40-+85 | GSS-SPO250-LRRC GSS-SPO250-LRRT | DC/5G |
| 25G SFP28 ER | 1310nm EML | APD | 1.8W | 40km | -40-+85 | GSS-SPO250-ERRC GSS-SPO250-ERT | DC/5G |
| 25G SFP28 ZR | 1300nm EML | SOA+PIN | 2.5W | 80km | 0-70 | GSS-SPO250-ZRRC | DC/5G |
| 25G SFP28 BR10-U | 1270/1330nm DML | PIN | 1.5W | 10km | -40-+85 | GBP-2733250-LRT | DC/5G |
| 25G SFP28 BR10-D | 1330/1270nm DML | PIN | 1.5W | 10km | -40-+85 | GBP-3327250-LRT | DC/5G |
| 25G SFP28 BR20-U | 1270/1330nm DML | APD | 1.8W | 20km | -40-+85 | GBP-2733250-L2T | DC/5G |
| 25G SFP28 BR20-D | 1330/1270nm DML | APD | 1.8W | 20km | -40-+85 | GBP-3327250-L2T | DC/5G |
| 25G SFP28 BR40-U | 1270/1310nm EML | APD | 1.9W | 40km | -40-+85 | GBP-2731250-ERT GBP-2733250-ERT | DC/5G |
| 25G SFP28 BR40-D | 1330/1270nm EML | APD | 1.9W | 40km | -40-+85 | GBP-3327250-ERT | DC/5G |
| 25G SFP28 CWDM | 1271-1371nm DML 1271-1371nm DML 1411-1591nm EML | PIN/APD/APD | 1.8W | 10km/10km/15km | -40-+85 | GSS-Cxx250-LRRC GSS-Cxx250-LRRT GSS-Cxx250-LST | DC/5G |
| 25G SFP28 LWDM | 1269.23-1318.35nm DML 1269.23-1318.35nm DML 1273.55-1309.14nm EML | PIN/APD/APD | 1.5W/1.8W/2W | 12km/20km/40km | -40-+85 | GSS-Sxx250-LRRC GSS-Sxx250-LRRT GSS-Sxx250-LST | DC/5G |
| 25G SFP28 DWDM | C-BAND EML | PIN/APD | 1.8W/2W | 2km/10km | -40-+85 | GSS-Dxx250-02T GSS-Dxx250-LRT | DC/5G |
| 25G SFP28 DWDM | O-BAND DML | PIN/APD | 1.8W/2W | 10km/40km | -40-+85 | GSS-Dxx250-LRRC GSS-Dxx250-LRRT | DC/5G |
| 16G SFP+ SR | 850nm VCSEL | PIN | 1.2W | 100m(OM3)/190m(OM4) | 0-70 | GPP-BS14G-SRRC | DC/5G |
| 16G SFP+ LR | 130nm DML | PIN | 1.5W | 10km | 0-70 | GPP-3114G-LRRC | DC/5G |
| 16GFC SFP+ ER | 1310nm DML | PIN | 1.5W | 40km | 0-70 | GPP-3114G-ERRC | DC/5G |
| 16G SFP+ DWDM | C18-C61 100GHz EML | PIN/APD | 1.8W | 10km/40km | 0-70 -40-+85 | GDP-xx14G-01C GDP-xx14G-01T GDP-xx14G-04C GDP-xx14G-04T | DC/5G |

GIGALIGHT 01

400G Optical Transceiver

| Product | LD | Reach | Optical Interface | Max. Power | P/N | Use |
|------------------------|--------------------------|-----------------------|-------------------|------------|-------------------------------------|-------|
| 400G QSFP-DD SR8 | 850nm VCSEL | 70m (OM3) /100m (OM4) | MPO16 | 8.5W | GQD-MPO401-SR8CD | DC/5G |
| 400G QSFP-DD PSM8 | 1310nm EML | 2km/10km | MPO16 | 11W | GDM-SPO401-FR8C GDM-SPO401-LR8C | DC/5G |
| 400G QSFP-DD 2xFR4 | CWDM4 DML | 2km | Dual Duplex LC | 9W | GQD-SPO401-FR4XC | DC |
| 400G QSFP-DD FR8 | LWDM8 EML | 2km | Dual LC | 12.5W | GQD-SPO401-FR8C | DC/5G |
| 400G QSFP-DD LR8 | LWDM8 EML | 10km | Dual LC | 12.5W | GQD-SPO401-LR8C | DC/5G |
| 400G QSFP-DD VR4 | 850nm VCSEL | 30m (OM3) /50m (OM4) | MPO12 | 8W | GQD-MPO401-VR4C | DC |
| 400G QSFP-DD SR4 | 850nm VCSEL | 60m (OM3) /100m (OM4) | MPO12 | 8W | GQD-MPO401-SR4C | DC/5G |
| 400G QSFP-DD DR4/DR4+ | 1310nm CW+MZ | 500m/2km | MPO12 | 10W | GQD-SI401XR4C GQD-SI401DR4C | DC |
| 400G QSFP-DD DR4+ | 1310nm CW+MZ | 10km | MPO12 | 10W | GQD-SI401LDR4C | DC |
| 400G QSFP-DD FR4 | CWDM4 EML CWDM4 CW+MZ | 2km | Dual LC | 11W | GQD-SPO401-FR4XC GQD-SI401FR4C | DC |
| 400G QSFP-DD CWDM4 | CWDM4 EML CWDM4 CW+MZ | 6km | Dual LC | 11W | GQD-SPO401-CFR4XC GQD-SI401CFR4C | DC |
| 400G QSFP-DD LR4 | CWDM4 EML CWDM4 CW+MZ | 10km | Dual LC | 11W | GQD-SPO401-LR4XC GQD-SI401LR4C | DC/5G |
| 400G QSFP-DD ER4-30 | LAN-WDM EML | 30km | Dual LC | 11W | GOP-SPO401-ER4C | DC |
| 400G QSFP112 SR4 | 850nm VCSEL | 30m (OM3) /50m (OM4) | MPO12 | 8W | GOS-MPO401-VR4C | DC |
| 400G QSFP112 SR4 | 850nm VCSEL | 60m (OM3) /100m (OM4) | MPO12 | 8W | GOS-MPO401-SR4C | DC/5G |
| 400G QSFP112 DR4/DR4+ | 1310nm CW+MZ | 500m/2km | MPO12 | 10W | GOS-SI401XR4C | DC |
| 400G QSFP112 DR4+ | 1310nm CW+MZ | 10km | MPO12 | 10W | GOS-SI401XR4C | DC |
| 400G QSFP112 FR4 | CWDM4 EML CWDM4 CW+MZ | 2km | Dual LC | 11W | GOS-SPO401-FR4XC GOS-SI401FR4C | DC |
| 400G QSFP112 CWDM4 | CWDM4 EML CWDM4 CW+MZ | 6km | Dual LC | 11W | GOS-SPO401-CFR4XC GOS-SI401CFR4C | DC |
| 400G QSFP112 LR4 | CWDM4 EML CWDM4 CW+MZ | 10km | Dual LC | 11W | GOS-SPO401-LR4XC GOS-SI401LR4C | DC/5G |
| 400G OSFP-RHS VR4 | 850nm VCSEL | 30m (OM3) /50m (OM4) | MPO12 | 8W | GOP-MPO401-VR4C | DC |
| 400G OSFP-RHS SR4 | 850nm VCSEL | 60m (OM3) /100m (OM4) | MPO12 | 8W | GOP-MPO401-SR4C | DC |
| 400G OSFP-RHS DR4/DR4+ | 1310nm CW+MZ | 500m/2km | MPO12 | 10W | GOP-SI401XR4C | DC |
| 400G OSFP-RHS DR4+ | 1310nm CW+MZ | 10km | MPO12 | 10W | GOP-SI401XR4C | DC |
| 400G OSFP-RHS FR4 | CWDM4 EML CWDM4 CW+MZ | 2km | Dual LC | 11W | GOP-SPO401-FR4XC GOP-SI401FR4C | DC |
| 400G OSFP-RHS CWDM4 | CWDM4 EML CWDM4 CW+MZ | 6km | Dual LC | 11W | GOP-SPO401-CFR4XC GOP-SI401CFR4C | DC |
| 400G OSFP-RHS LR4 | CWDM4 EML CWDM4 CW+MZ | 10km | Dual LC | 11W | GOP-SPO401-LR4XC GOP-SI401LR4C | DC |

200G Optical Transceiver

| Product | LD | Reach | Optical Interface | Max. Power | P/N | Use |
|----------------------|-------------|---------------------------|-------------------|------------|---|-------|
| 200G QSFP-DD SR8 | 850nm VCSEL | 100m | MPO24 | 4W | GQD-MPO201-DSR4C | DC/5G |
| 200G QSFP-DD 2xCWDM4 | 2xCWDM4 DML | 2km | Dual Duplex LC | 6.5W | GQD-SPO201-CIR4C | DC/5G |
| 200G QSFP-DD PSM8 | 1310nm DML | 2km/10km/20km | MPO24/MPO16 | 6W/6.5W | GDM-SPO201-FR8C GDM-SPO201-FR8T GDM-SPO201-LR8C | DC/5G |
| 200G QSFP-DD LR8 | LWDM DML | 10km/20km | Dual LC | 7.5W | GQD-SPO201-LR8C | DC/5G |
| 200G QSFP-DD SR4 | 850nm VCSEL | 100m | MPO12 | 5W | GOS-SPO201-SR4C | DC/5G |
| 200G QSFP-DD PSM4 | 1310nm EML | 2km | MPO12 | 5.5W | GDM-SPO201-FR4C | DC/5G |
| 200G QSFP-DD FR4 | CWDM4 EML | 2km | Dual LC | 9W | GQD-SPO201-FR4C | DC/5G |
| 200G QSFP-DD LR4 | LWDM4 EML | 10km | Dual LC | 9W | GQD-SPO201-LR4C | DC/5G |
| 200G QSFP-DD ER4 | LWDM4 EML | 40km | Dual LC | 9W | GQD-SPO201-ER4C | DC/5G |
| 200G QSFP56 SR4 | 850nm VCSEL | 70m (OM3) /100m (OM4/OM5) | MPO12 | 5W | GOS-MPO201-SR4C | DC |
| 200G QSFP56 DR4 | 1310nm DML | 500m | MPO12 | 5.5W | GOS-SPO20-DR4CZA | DC |
| 200G QSFP56 FR4 | CWDM4 DML | 2km | Dual LC | 6W | GOS-SPO201-FR4CWX | DC |
| 200G QSFP56 LR4 | LWDM4 DML | 10km/20km | Dual LC | 7.5W | GOS-SPO201-LR4CZ | DC |
| 200G QSFP56 SR2 | 850nm VCSEL | 100m | MPO12 | TBD | TBD | DC |

GIGALIGHT 01

1G-10G Optical Transceiver

| Product | TX | Reach | RX | P/N | Use |
|---------------|---|-------------------------------------|------------|--|-------|
| 10G XFP | 850nm 1310nm 1550nm | 400m 2/10/20/40km 40/80/120km | LC | GX-BS192-SRxx GX-31192-02C/GX-31192-LRxx/GX-31192-L2C/GX-31192-ERxx GX-55192-ERC/GX-55192-12C/GX-55192-ZRxx | DC/5G |
| 10G XFP BIDI | 1270/1330nm 1490/1550nm | 10/20/40/50km 80km | Simplex LC | GBX-xxxx192-LRxx/GBX-xxxx192-L2C/GBX-xxxx192-ERC/GBX-xxxx192-E5C GBX-xxxx192-EBC | DC/5G |
| 10G XFP CWDM | 1271-1611nm(20nm) 1591-1611nm(20nm) 1471-1571nm(20nm) | 10/40km 70km 80km | LC | GXC-xx192-01x/GXC-xx192-04x GXC-xx192-07x GXC-xx192-08x | DC/5G |
| 10G XFP DWDM | 1528.77-1563.05nm(100GHz) 1528.77-1560.61nm(100GHz) | 40/80km 120km | LC | GXC-xx192-01x/GXC-xx192-04x GXC-xx192-07x GXC-xx192-08x GPP-BS192-SRxx | DC/5G |
| 10G SFP+ | 1310nm 1550nm | 220m/2/10/20/40km 40/60/80km | LC | GPP-31192-LRMC/GPP-31192-02C/GPP-31192-LRxx/GPP-31192-L2C/GPP-31192-ERxx GPP-55192-ERC/GPP-55192-E6C/GPP-55192-ZRxx | DC/5G |
| 10G SFP+ BIDI | 1270/1330nm 1490/1550nm | 10/20/40/60km 80km | Simplex LC | GBX-xxxx1 | |

Immersion Liquid Cooling Optical Transceiver

| Product | Network protocol specification | LD | PD | Reach | Port | Max. power consumption | P/N |
|-------------------|----------------------------------|-------------------|-----|---------------------|-----------------------|------------------------|--------------------------------------|
| 10G SFP+ SR | 10GBASE-SR | 850nm VCSEL | PIN | 300m(OM3)/400m(OM4) | LC Pigtail/FC Pigtail | 0.8W | GL-S100-SR-L/F |
| 10G SFP+ LR | 10GBASE-LR | 1310nm DML | PIN | 10km | LC Pigtail/FC Pigtail | 0.8W | GL-S100-LR-L/F |
| 10G SFP+ BIDI LR | 10GBASE | 1270nm/1310nm DML | PIN | 10km | LC Pigtail/FC Pigtail | 1.5W | GL-S100-23LR-L/F GL-S100-32LR-L/F |
| 25G SFP28 SR | 25GBASE-SR | 850nm VCSEL | PIN | 70m(OM3)/100m(OM4) | LC Pigtail/FC Pigtail | 1W | GL-S250-SR-L/F |
| 25G SFP28 LR | 25GBASE-LR | 1310nm DML | PIN | 10km(SMF) | LC Pigtail/FC Pigtail | 1.5W | GL-S250-LR-L/F |
| 25G SFP28 BIDI LR | 25GBASE-BX10-D 25GBASE-BX10-U | 1270nm/1310nm DML | PIN | 10km | LC Pigtail/FC Pigtail | 1.6W | GL-S250-23LR-L/F GL-S250-32LR-L/F |
| 40G QSFP+ SR4 | 40GBASE-SR4 | 850nm VCSEL | PIN | 70m(OM3)/100m(OM4) | MPO12 Pigtail | 1.5W | GL-Q400-SR4-M |
| 100G QSFP28 SR4 | 100GBASE-SR4 EDR | 850nm VCSEL | PIN | 70m(OM3)/100m(OM4) | MPO12 Pigtail | 2W | GL-Q101-SR4-M |
| 100G QSFP28 PSM4 | 100G-PSM4 EDR | 1310nm DML | PIN | 2km | MPO12 Pigtail | 4.5W | GL-P101-RR4-M |
| 200G QSFP56 SR4 | 200GBASE-SR4 | 850nm VCSEL | PIN | 70m(OM3)/100m(OM4) | MPO12 Pigtail | 5W | GL-Q201-SR4-M |
| 400G QSFP-RHS SR4 | 400GBASE-SR4 | 850nm | PIN | 100m | MPO12 Pigtail | 8W | GL-Q401-SR4-M |
| 400G QSFP112 SR4 | 400GBASE-SR4 | 850nm | PIN | 100m | MPO12 Pigtail | 8W | GL-Q401-SR4-M |
| 800G QSFP-DD SR8 | 800GBASE-SR8 | 850nm VCSEL | PIN | 100m | Dual MPO12 Pigtail | 18.5W | GL-DB01-SR8-M |
| 800G QSFP SR8 | 800GBASE-SR8 | 850nm VCSEL | PIN | 100m | Dual MPO12 Pigtail | 18.5W | GL-DB01-SR8-M |

Immersion Liquid Cooling Optical Extenders

| Product | Encapsulation | AWG | Reach | Temperature (°C) | P/N |
|--------------------------------------|------------------------------|-------|-------|------------------|----------------|
| 40G QSFP+ liquid cooling extender | QSFP+ to QSFP+ Flat Cage | 30AWG | 50cm | 0-70 | GLQE-PC400-DXX |
| 100G QSFP28 liquid cooling extender | QSFP28 to QSFP28 Flat Cage | 30AWG | 50cm | 0-70 | GLQE-PC101-DXX |
| 200G QSFP56 liquid cooling extender | QSFP56 to QSFP56 Flat Cage | 30AWG | 50cm | 0-70 | GLQE-PC201-DXX |
| 200G QSFP-DD liquid cooling extender | QSFP-DD to QSFP-DD Flat Cage | 30AWG | 50cm | 0-70 | GLQD-PC201-DXX |
| 400G QSFP-DD liquid cooling extender | QSFP-DD to QSFP-DD Flat Cage | 30AWG | 50cm | 0-70 | GLQD-PC401-DXX |
| 800G QSFP-DD liquid cooling extender | QSFP-DD to QSFP-DD Flat Cage | 30AWG | 50cm | 0-70 | GLQD-PC801-DXX |

Immersion Liquid Cooling DAC

| Product | Speed | Reach | P/N |
|-------------------|--------------|-------|---------------|
| 10G SFP+ DAC | 10.52Gbps | 7m | GLS-PC100-XXX |
| 25G SFP28 DAC | 25.78125Gbps | 5m | GLS-PC250-XXX |
| 40G QSFP+ DAC | 41.25Gbps | 5m | GLQ-PC400-XXX |
| 100G QSFP28 DAC | 103.12Gbps | 5m | GLQ-PC101-XXX |
| 200G QSFP56 DAC | 212.5Gbps | 3m | GLQ-PC201-XXX |
| 200G QSFP-DD DAC | 206.25Gbps | 3m | GLD-PC201-XXX |
| 400G QSFP-DD DAC | 425Gbps | 3m | GLD-PC401-XXX |
| 400G QSFP-RHS DAC | 425Gbps | 3m | GLO-PC401-XXX |
| 400G QSFP112 DAC | 425Gbps | 3m | GLQ-PC401-XXX |
| 800G QSFP-DD DAC | 850Gbps | 2m | GLD-PC801-XXX |
| 800G QSFP DAC | 850Gbps | 2m | GLO-PC801-XXX |

PCC/ACC

| Product | Data Rate | Port 1 | Port 2 | Reach | P/N |
|---|----------------------------|------------|---------------------|--------------------------------|-------------------|
| 800G PCC/ACC | | | | | |
| 800G QSFP112-DD PCC | 850Gbps | QSFP112-DD | QSFP112-DD | 1m (30AWG) /2m (26AWG) | GOS-PC801-xxC |
| 800G QSFP-DD to 2x400G QSFP112 Breakout PCC | 850Gbps/2x425Gbps | QSFP-DD | QSFP112 | 1m (30AWG) /1.8m (26AWG) | GQD-2QPC801-xxC |
| 800G QSFP PCC | 850Gbps | QSFP | QSFP | 0.5m/1m (30AWG) /2m (26/25AWG) | GOS-PC801-XXXX |
| 800G QSFP to 2x400G QSFP-RHS Breakout PCC | 850Gbps/2x425Gbps | QSFP | QSFP-RHS | 1m (30AWG) 1.8m (26AWG) | GOS-2OPC801-xxC |
| 800G QSFP to 2x400G QSFP112 Breakout PCC | 850Gbps/2x425Gbps | QSFP | QSFP112 | 1.5m (30AWG) /3m (26AWG) | GOS-2Q112P801-xxC |
| 800G QSFP to 4x200G QSFP112 Breakout PCC | 850Gbps/4x212.5Gbps | QSFP | QSFP112 | 1.5m (30AWG) /3m (26AWG) | GOS-4Q112P801-xxC |
| 800G QSFP-DD ACC | 850Gbps | QSFP-DD | QSFP-DD | 4m (26AWG) | GQD-AC801-DXXC |
| 800G QSFP-DD to 2x400G QSFP112 Breakout ACC | 850Gbps/2x425Gbps | QSFP-DD | QSFP112 | 5m (26AWG) | GQD-2QAC801-xxC |
| 800G QSFP ACC | 850Gbps | QSFP | QSFP | 5m (26AWG) | GOS-AC801-XXXX |
| 800G QSFP to 2x400G QSFP-RHS Breakout ACC | 850Gbps/2x425Gbps | QSFP | QSFP-RHS | 5m (26AWG) | GOS-2DAC801-xxC |
| 800G QSFP to 4x200G QSFP-RHS Breakout ACC | 850Gbps/4x212.5Gbps | QSFP | QSFP-RHS (Flat-top) | 4m (30AWG) /5m (26AWG) | GOS-4Q801-xxC |
| 800G QSFP to 2x400G QSFP112 Breakout ACC | 850Gbps/2x425Gbps | QSFP | QSFP112 | 4m (30AWG) /5m (26AWG) | GOS-2Q112A801-xxC |
| 800G QSFP to 4x200G QSFP112 Breakout ACC | 850Gbps/4x212.5Gbps | QSFP | QSFP112 | 4m (30AWG) /5m (26AWG) | GOS-4Q112A801-xxC |
| 400G PCC/ACC | | | | | |
| 400G QSFP56-DD PCC | 425Gbps | QSFP56-DD | QSFP56-DD | 2m (30AWG) /3m (26AWG) | GQD-PC401-xxC |
| 400G QSFP56-DD to 2x200G QSFP56 PCC | 425Gbps/2x212.5Gbps | QSFP56-DD | QSFP56 | 2m (30AWG) /3m (26AWG) | GQD-2Q56P401-xxC |
| 400G QSFP56-DD to 4x100G QSFP56 PCC | 425Gbps/4x103.125Gbps | QSFP56-DD | QSFP56 | 2m (30AWG) /3m (26AWG) | GQD-4Q56P401-xxC |
| 400G QSFP56-DD to 8x50G SFP56 PCC | 425Gbps/8x53.125Gbps | QSFP56-DD | SFP56 | 2m (30AWG) /3m (26AWG) | GQD-8S56P401-XXC |
| 400G QSFP112 PCC | 425Gbps | QSFP112 | QSFP112 | 1m (30AWG) /2m (26AWG) | GOS-PC401-xxC |
| 400G QSFP-RHS PCC | 425Gbps | QSFP-RHS | QSFP-RHS | 1m (30AWG) /2m (26AWG) | GOS-PC401-xxC |
| 400G QSFP-RHS to 2x200G QSFP56 PCC | 425Gbps/2x212.5Gbps | QSFP-RHS | QSFP56 | 1.5m (30AWG) /2m (26AWG) | GOS-2Q56P401-xxC |
| 400G QSFP-RHS to 2x200G QSFP28 PCC | 425Gbps/2x212.5Gbps | QSFP-RHS | QSFP28 | 1.5m (30AWG) /2m (26AWG) | GOS-2Q28P401-xxC |
| 400G QSFP-RHS to 4x100G QSFP28 PCC | 425Gbps/4x103.125Gbps | QSFP-RHS | QSFP28 | 1.5m (30AWG) /2m (26AWG) | GOS-4Q28P401-xxC |
| 400G QSFP-DD ACC | 425Gbps | QSFP-DD | QSFP-DD | 7m (26AWG) | GQD-AC401-DXXC |
| 400G QSFP112 ACC | 425Gbps | QSFP112 | QSFP112 | 2-5m (26/25AWG) | GOS-AC401-xxC |
| 400G QSFP-RHS ACC | 425Gbps | QSFP-RHS | QSFP-RHS | 3-4m(30/26AWG) /4-7m(26AWG) | GOS-AC401-XXC |
| 200G PCC/ACC | | | | | |
| 200G QSFP-DD PCC | 206.25Gbps | QSFP28-DD | QSFP28-DD | 3m (30AWG) /5m (26AWG) | GQD-PC201-xxC |
| 200G QSFP56 PCC | 212.5Gbps | QSFP56 | QSFP56 | 2m (30AWG) /3m (26AWG) | GOS-PC201-XXC |
| 200G QSFP56 to 2x100G QSFP56 PCC | 212.5Gbps | QSFP56 | QSFP56 | 3m (30AWG) /2m (26AWG) | GOS-2Q56-PXXC |
| 200G QSFP56 to 4x50G SFP56 PCC | 212.5Gbps/4x53.125Gbps | QSFP56 | SFP56 | 2m (30AWG) /3m (26AWG) | GOS-4Q56-PXXC |
| 200G QSFP56 ACC | 212.5Gbps | QSFP56 | QSFP28 | 7m (26AWG) | GOS-AC201-DXXC |
| 200G/100G/56G/40G/25G/10G PCC | | | | | |
| 100G QSFP28 PCC | 103.125Gbps | QSFP28 | QSFP28 | 3m (30AWG) /5m (26AWG) | GOS-PC101-xxC |
| 100G QSFP28 to 4x25G SFP28 PCC | 103.125Gbps/4x25.78125Gbps | QSFP28 | SFP28 | 3m (30AWG) /5m (26AWG) | GOS-4P28-PxxC |
| 100G SFP112 PCC | 103.125Gbps | SFP112 | SFP112 | 1.8m (26AWG) | GSS-PC101-xxC |
| 100G SFP112 ACC | 103.125Gbps | SFP112 | SFP112 | 5m (26AWG) | GSS-AC101-xxC |
| 56G QSFP+ PCC | 56.25Gbps | QSFP+ | QSFP+ | 2m (30AWG) | GOS-PC560-xxxxC |
| 50G SFP56 PCC | 53.125Gbps | SFP56 | SFP56 | 2m (30AWG) /3m (26AWG) | GSS-PC560-xxC |
| 40G QSFP+ PCC | 41.25Gbps | QSFP+ | QSFP+ | 3m (30AWG) /5m (26AWG) | GOS-PC400-xxC |
| 40G QSFP+ to 4x10G SFP+ PCC | 41.25Gbps/4x10.3125Gbps | QSFP+ | SFP+ | 3m (30AWG) | GOS-PC400-xxC |
| 25G SFP28 PCC | 25.78125Gbps | SFP28 | SFP28 | 2m (30AWG) /5m (26AWG) | GPP-PC250-xxxxC |
| 10G SFP+ PCC | 10.3125Gbps | SFP+ | SFP+ | 3m (30AWG) /7m (24AWG) | GPP-PC192-xxxxC |

Note: The 'xxx' in the model indicates the length, such as 001=1m, 002=2m, 010=10m, 100=100m, and so on.

Immersion Liquid Cooling AOC

| Product | Network protocol specification | LD | PD | Reach | Max. power consumption |
|--------------------------------------|--------------------------------|-------------|-----|-------------|------------------------|
| 10G SFP+ AOC | 10GBase-SR | 850nm VCSEL | PIN | 1-100m/400m | 0.8W |
| 25G SFP28 AOC | 25GBase-SR | 850nm VCSEL | PIN | 1-100m | 1W |
| 40G QSFP+ AOC | 40GBase-SR4 | 850nm VCSEL | PIN | 1-300m/400m | 1.5W |
| 100G QSFP28 AOC | 100GBase-SR4 | 850nm VCSEL | PIN | 1-100m/300m | 2W |
| 100G QSFP28 to 2/4x Breakout AOC | 100GBase-SR4 | 850nm VCSEL | PIN | 1-100m/300m | 2/1.5/1W |
| 200G QSFP-DD AOC | 100GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 4W |
| 200G QSFP-DD to 2/4/8x Breakout AOC | 100GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 4/2/1.5/1W |
| 200G QSFP56 AOC | 100G/200GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 5W |
| 200G QSFP56 2/4x Breakout AOC | 100G/200GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 5/4.5/2W |
| 400G QSFP-DD AOC | 400GBase-SR8/200GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 9W |
| 400G QSFP-DD to 2/4/8x Breakout AOC | 400GBase-SR8/200GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 9/5/4.5/2W |
| 400G QSFP-RHS AOC | 400GBase-SR8 | 850nm VCSEL | PIN | 1-100m | 10W |
| 400G QSFP-RHS to 2/4/8x Breakout AOC | 400GBase-SR8 | 850nm VCSEL | PIN | 1-100m | 10/5/4.5/2W |
| 400G QSFP112 AOC | 400GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 10W |
| 400G QSFP112 to 2/4/8x Breakout AOC | 400GBase-SR4 | 850nm VCSEL | PIN | 1-100m | 10/5/4.5/2W |
| 800G QSFP-DD AOC | 800GBase-SR8 | 850nm VCSEL | PIN | 1-100m | 15W |
| 800G QSFP-DD to 2/4/8x Breakout AOC | 800GBase-SR8 | 850nm VCSEL | PIN | 1-100m | 15/10/5/4.5W |
| 800G QSFP AOC | 800GBase-SR8 | 850nm VCSEL | PIN | 1-100m | 15W |
| 800G QSFP to 2/4/8x Breakout AOC | 800GBase-SR8 | 850nm VCSEL | PIN | 1-100m | 15/10/5/4.5W |

HAOC (5G)

| Product | Data Rate | Reach | Max. power consumption | P/N |
|----------------------------------|--------------|----------|------------------------|-----------------|
| 10G SFP+ HAOC | 10.3125Gbps | 300m | 0.8W | GSS-MD0100-xxT |
| 25G SFP28 HAOC | 25.78125Gbps | 70m/100m | 1W | GSS-MD0250-xxT |
| 100G QSFP28 HAOC | 103.125Gbps | 70m/100m | 2W | GOS-MD0101-xxxt |
| 100G QSFP28 to 4x 25G SFP28 HAOC | 103.125Gbps | 1m-100m | 2W/4W | GQP-MD0101-xxxt |

DCI BOX

2U 12.8T DCI BOX

The GIGALIGHT 2U 12.8T DCI BOX is an open coherent DWDM optical transport platform for data center interconnect (DCI) and metro optical transmission applications.



| Parameters | Specifications |
|-------------------|---|
| Client-side Rate | 400GE/100GE/OTU4 or 10GE/OC-192/STM-64/8GFC/10GFC/16GFC |
| Line-side Rate | 100G/200G/400G |
| RODAM Dimension | 9 |
| Power Consumption | ≤300W |
| Dimensions(W×H×D) | 440mm×88mm×420mm |
| Power Supply | AC(90V to 264V, 50/60Hz),DC(-36V to +60V) |

1U 800G DCI BOX

The GIGALIGHT 1U 800G DCI BOX supports ultra-large capacity service access, ultra-long-distance service transmission, and simple and convenient operation and maintenance management. It can operate reliably and save energy and reduce emissions, which can effectively meet the data center interconnection (DCI) needs of Internet companies, operators, and cloud service providers etc.



| Product Features | Description | |
|----------------------------|-----------------------|------------------------|
| Environmental requirements | Operating temperature | -10°C~60°C |
| | Storage temperature | -20°C~75°C |
| | Relative humidity | 5%~95% No condensation |
| Size(W×H×D) | TU | 482.6×44.5×300mm |
| | AC | 85~264V, 50~60Hz |
| Power supply | DC | 36~72V |
| | Power Consumption | TU |

1U 6.4T DCI BOX

The 1U 6.4T DCI BOX is an industry-leading innovative data center interconnection product. It provides ultra large capacity business access, ultra long distance business transmission, simple and convenient operation and maintenance management (Web/SNMP), and can also operate reliably, save energy, and reduce emissions. It can effectively meet the needs of data center interconnection for users such as internet companies, operators, and cloud service providers. This product supports 4 slots, each slot supports transparent transmission of 100G/200G/400G OTU.



1U 1.6T DCI 4x1.6T

AOC (Data Center)

| Product | Data Rate | Reach | Max. power consumption | P/N |
|---|-----------|-----------------------------|------------------------|-------------------|
| 800G QSFP-DD AOC | 850Gbps | 30m (OM3) or 50m (OM4) | 14W | GQD-MD0121-xxxxC |
| 800G QSFP AOC | 850Gbps | 30m (OM3) or 50m (OM4) | 14W | GQ5-MD0111-xxxxC |
| 800G QSFP-DD to 2x400G QSFP112 Breakout AOC | 850Gbps | 30m (OM3) or 50m (OM4) | 14W(800G)/8W(400G) | GQ5-MD0111-xxxxC |
| 800G QSFP to 2x400G QSFP112 Breakout AOC | 850Gbps | 30m (OM3) or 50m (OM4) | 14W(800G)/8W(400G) | GQD-MD0201-xxxxC |
| 400G QSFP56-DD AOC | 425Gbps | 70m (OM3) or 100m (OM4/OM5) | 9W | GQD-MD0401-xxxxC |
| 400G QSFP56-DD to 2x 200G QSFP56 AOC | 425Gbps | 70m (OM3) or 100m (OM4/OM5) | 9W(400G)/5W(200G) | GDA2-MD0401-xxxxC |
| 400G QSFP56-DD to 4x 100G QSFP56 AOC | 425Gbps | 70m (OM3) or 100m (OM4/OM5) | 9W(400G)/4.5W(100G) | GDA4-MD0401-XXXX |