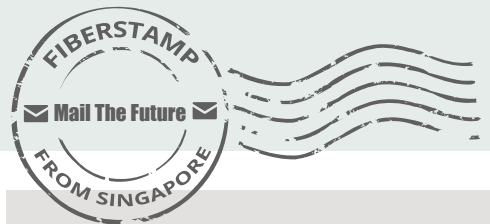


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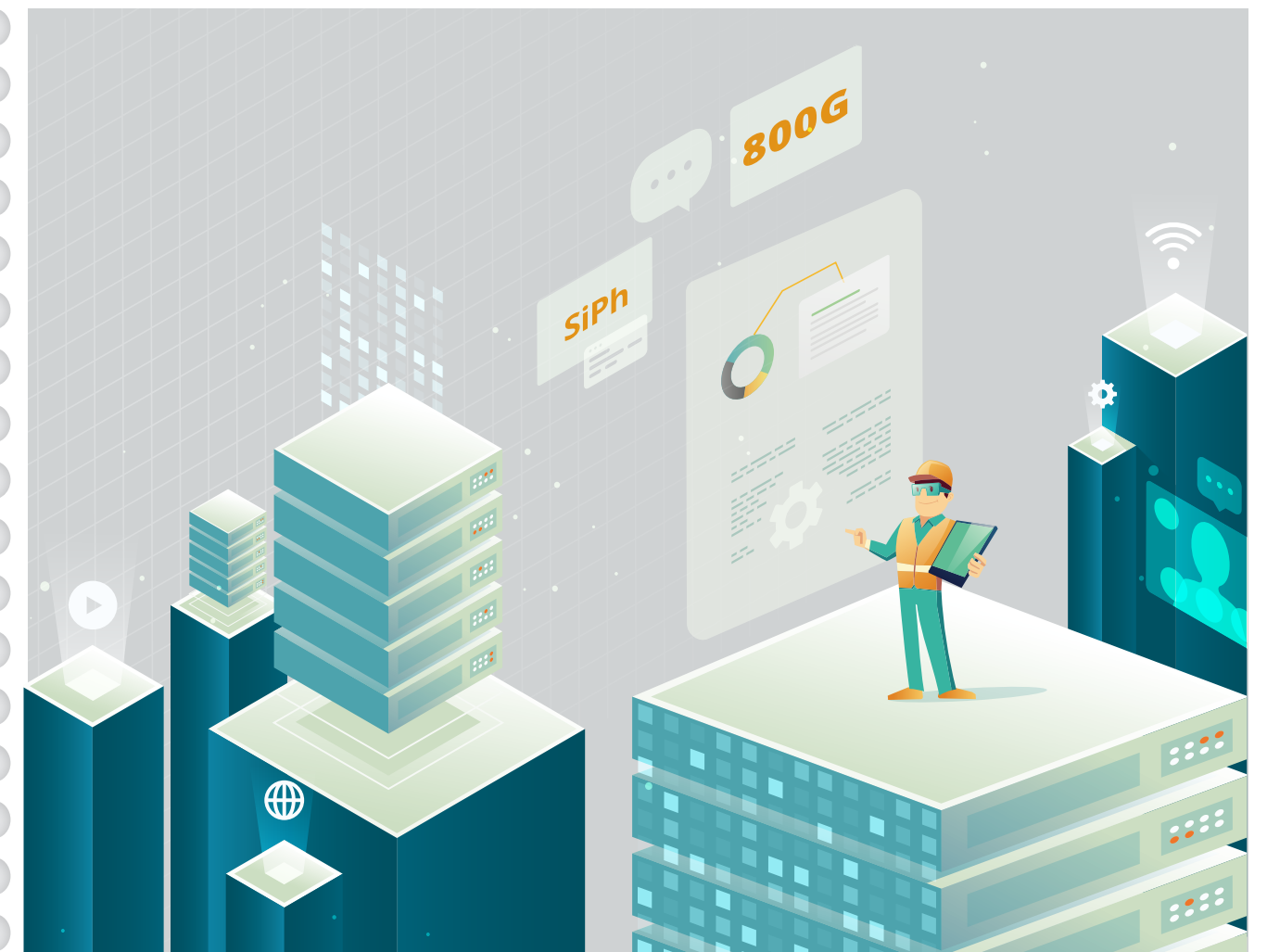
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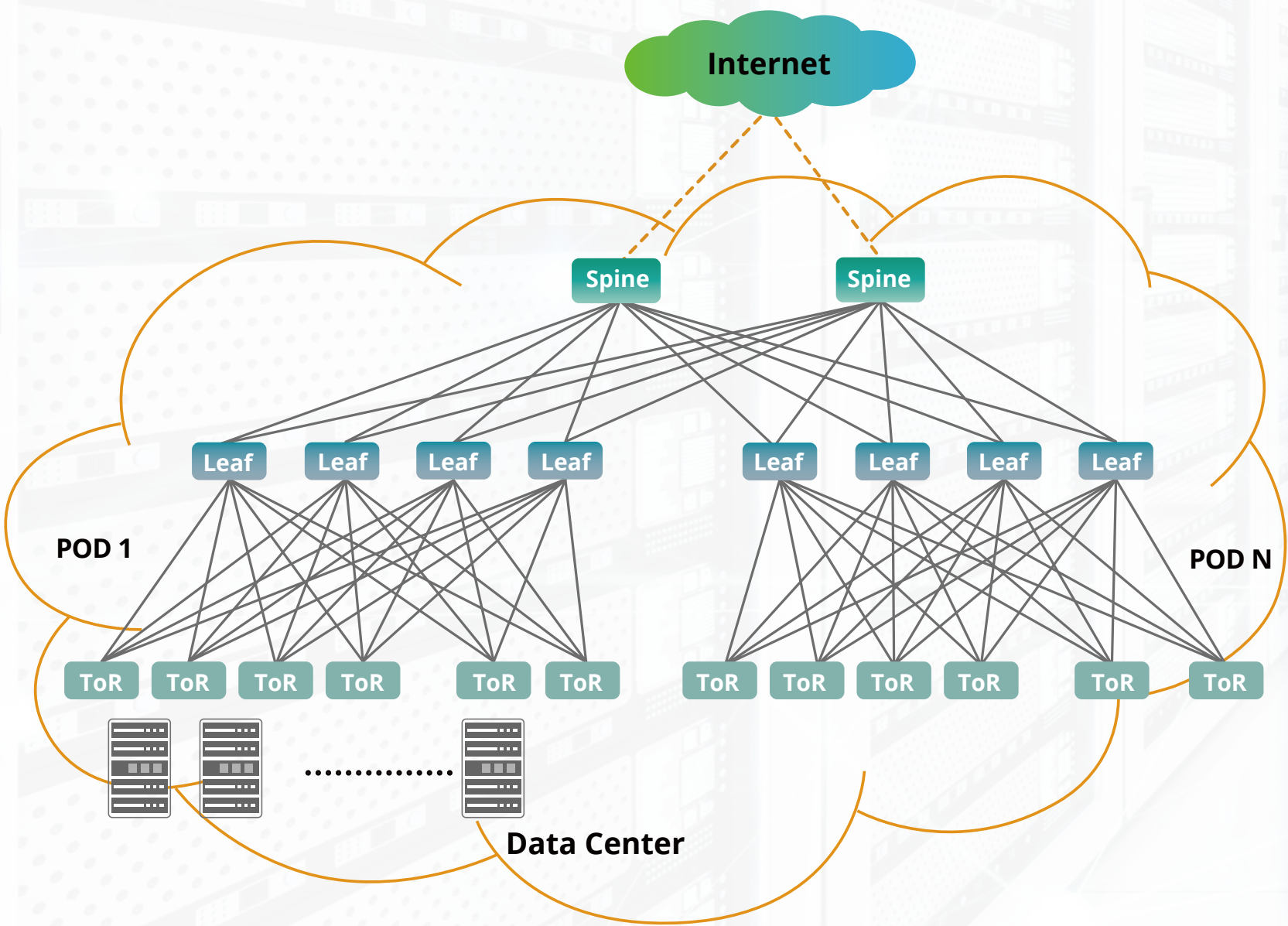


OPEN DATA CENTER OPTICAL INTERCONNECT SOLUTIONS CATALOG



Empower Data Center Connectivity with Diverse, Cost-Effective and Forward-thinking Optical Interconnect Solutions

Data Center Architecture:



Scale up Bandwidth and Connectivity



Easy to Deploy and Simple Architecture



Standard Hardware and Device Decoupling

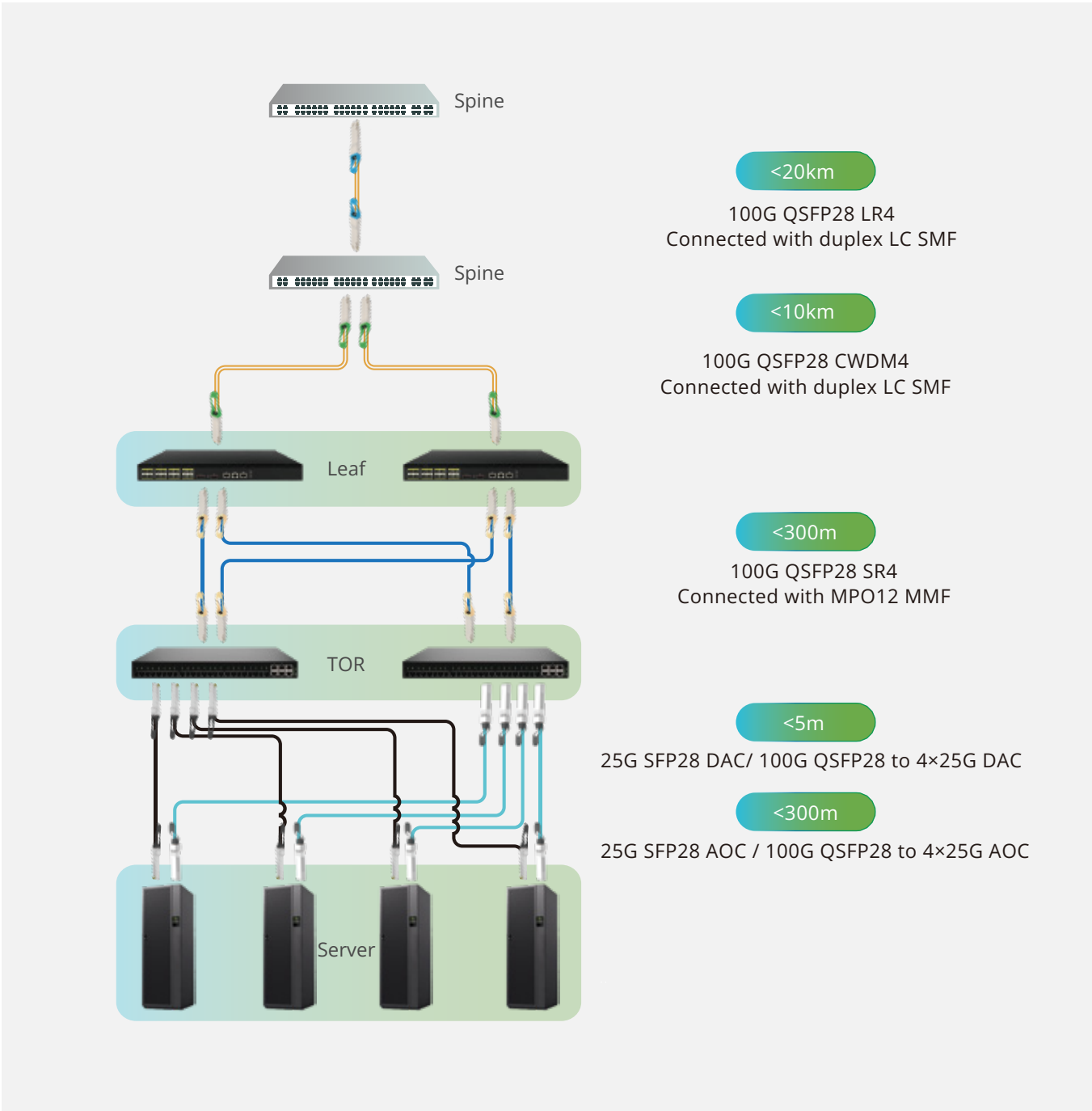
Data Center Products List

Data Rate	100G	200G		400G		800G
DCI	100G/200G CFP2 DCO	200G CFP2 DCO	200G /400G CFP2 DCO	400G CFP2 / QSFP-DD OpenZR+ DCO		800G ZR/ZR+ DCO
Spine - Spine (≤10km)	100G LR4	200G LR8	200G LR4 /400G LR4	400G LR8/LR4/2xFR4	SiPh 400G CWDM4/LR4/DR4++	800G 2xFR4/DR8++
Leaf - Spine (≤2km)	100G CWDM4	200G PSM8/2xCWDM4	200G DR4 / FR4	400G PSM8	SiPh 400G FR4/DR4+	800G DR8/DR8+
TOR - Leaf (≤100m)	100G SR4	200G SR8	200G SR4	400G SR8	400G SR4	800G SR8
Server - TOR (DAC/AOC) (≤20m)	25G	25G	200G to 100G	50G	100G	800G to 4×200G
Serdes	25G NRZ	25G NRZ	50G PAM4	50G PAM4	100G PAM4	100G PAM4
NIC	25G NIC (SFP28)	25G NIC (SFP28)	100G NIC (QSFP56, 2 Ports Only)	100G NIC (DSFP/NGSFP)	200G NIC TBD	200G NIC TBD
Highlights	Mature Applications	Low Latency	Breakout Access, Hard to Maintain	Point to Point Access, Same Architecture, New Form Factor	Cost / Power Reduction	Multiple Generation, 200G Optical Port

100G Data Center Solutions

The typical 100G data center adopts a 4x25G NRZ architecture, with server ports at the bottom layer operating at 25G, connected to top-of-rack (TOR) switches using 25G DAC/AOC cables. Connections between TOR and above-level switches are made using parallel MPO jumpers, while wavelength division multiplexing (WDM) is achieved using LC jumpers.

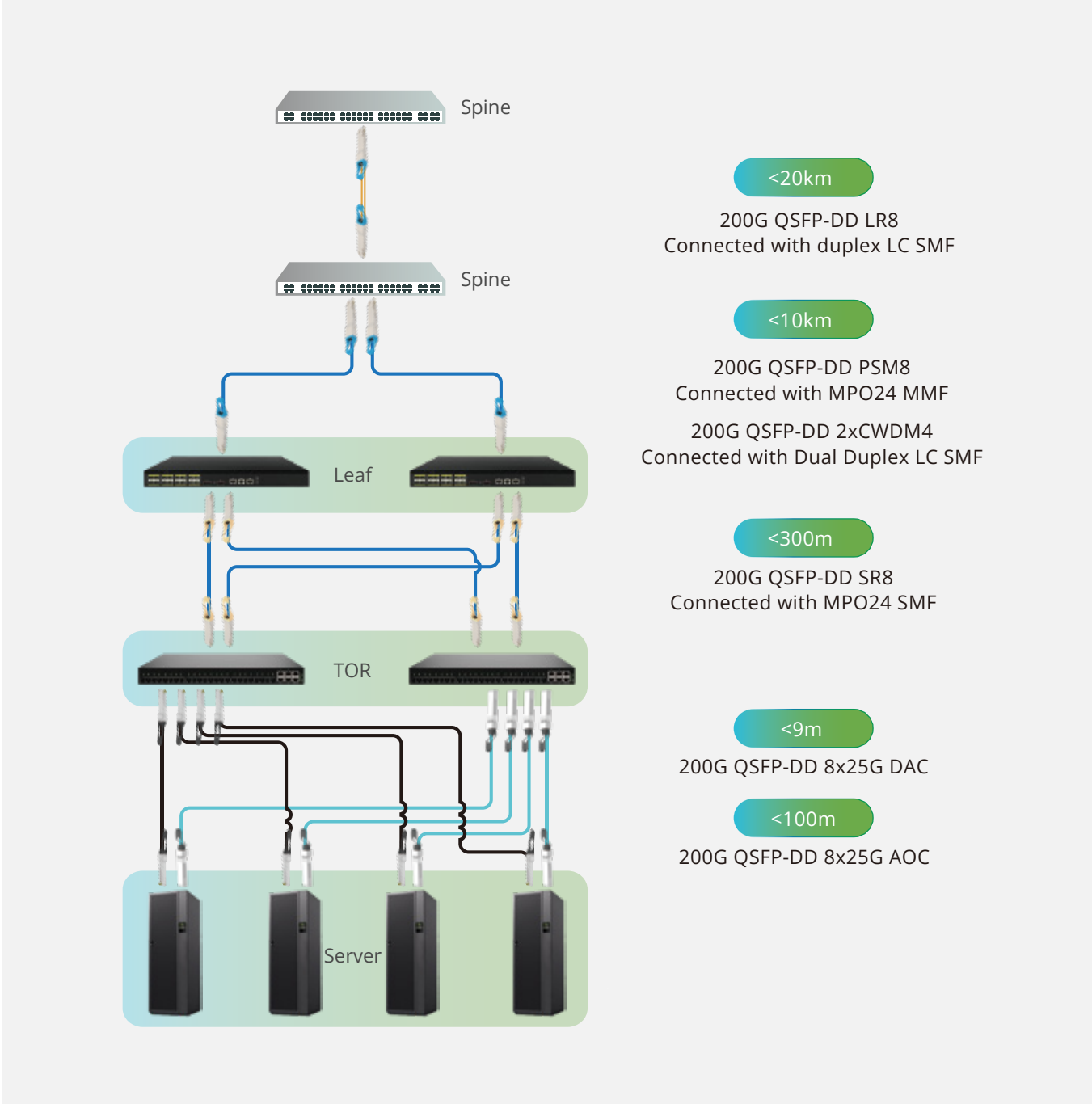
4x25G NRZ Architecture & Typical Products



200G(8x25G NRZ) Data Center Solution

FIBERSTAMP pioneers the widely accepted 8x25G NRZ (200G) architecture known for its ultra-high-density optical design, reliable transmission, and error-free NRZ signal modulation. Similar to the typical 100G data center, it utilizes 25G server ports connected to TOR switches with 25G DAC/AOC cables. Connections between switches are made using parallel MPO jumpers, with WDM achieved through LC jumpers.

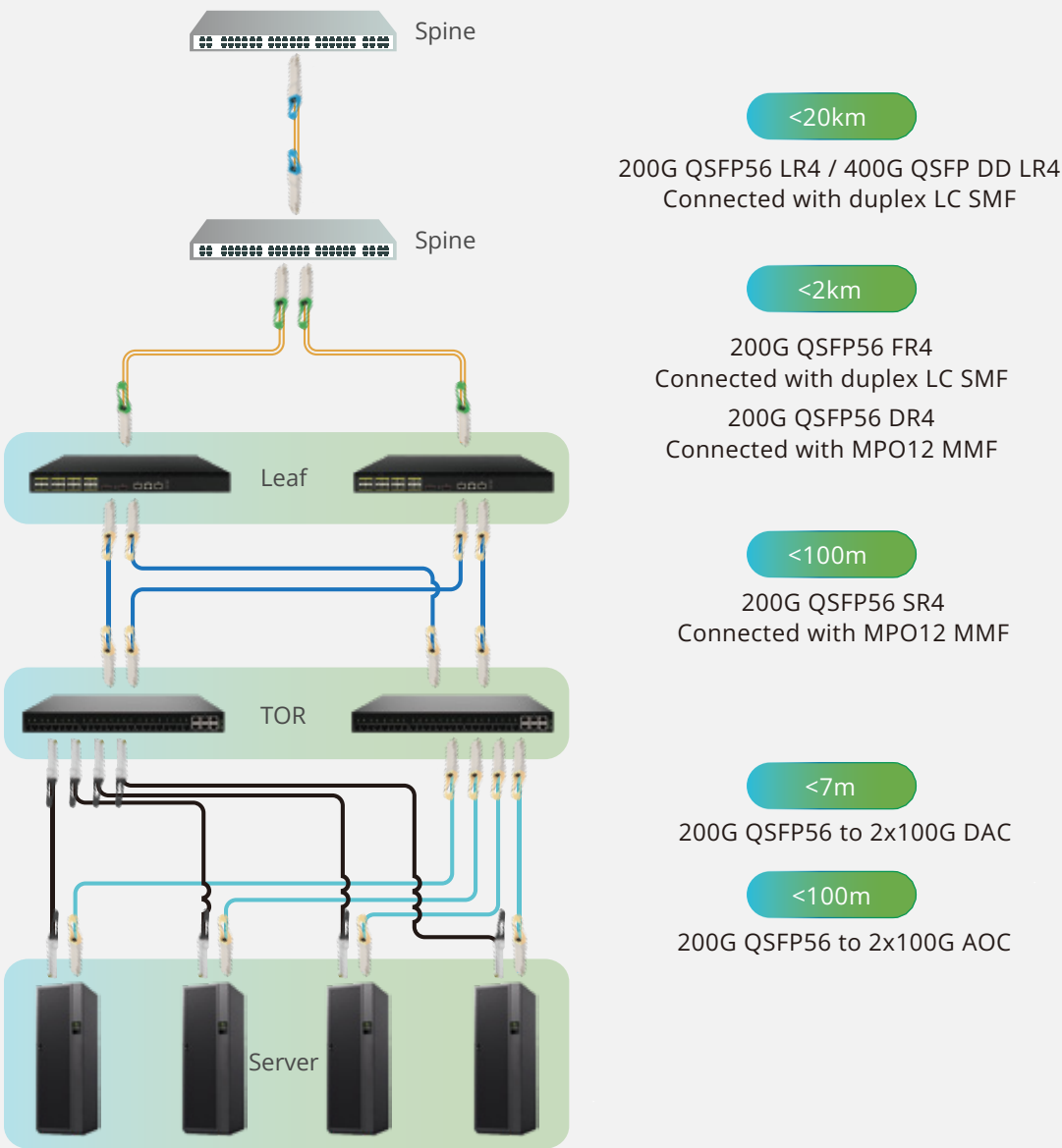
8x25G NRZ Architecture & Typical Products



200G(4x50G PAM4) Data Center Solution

The 200G (4x50G PAM4) optical module is used in data centers primarily for transitioning from 100G to 400G data centers. The underlying servers have 100G ports, which are upgraded to 200G at the TOR layer using 200G to 100G breakout DAC/AOC, and then upgraded to 400G at the Spine layer.

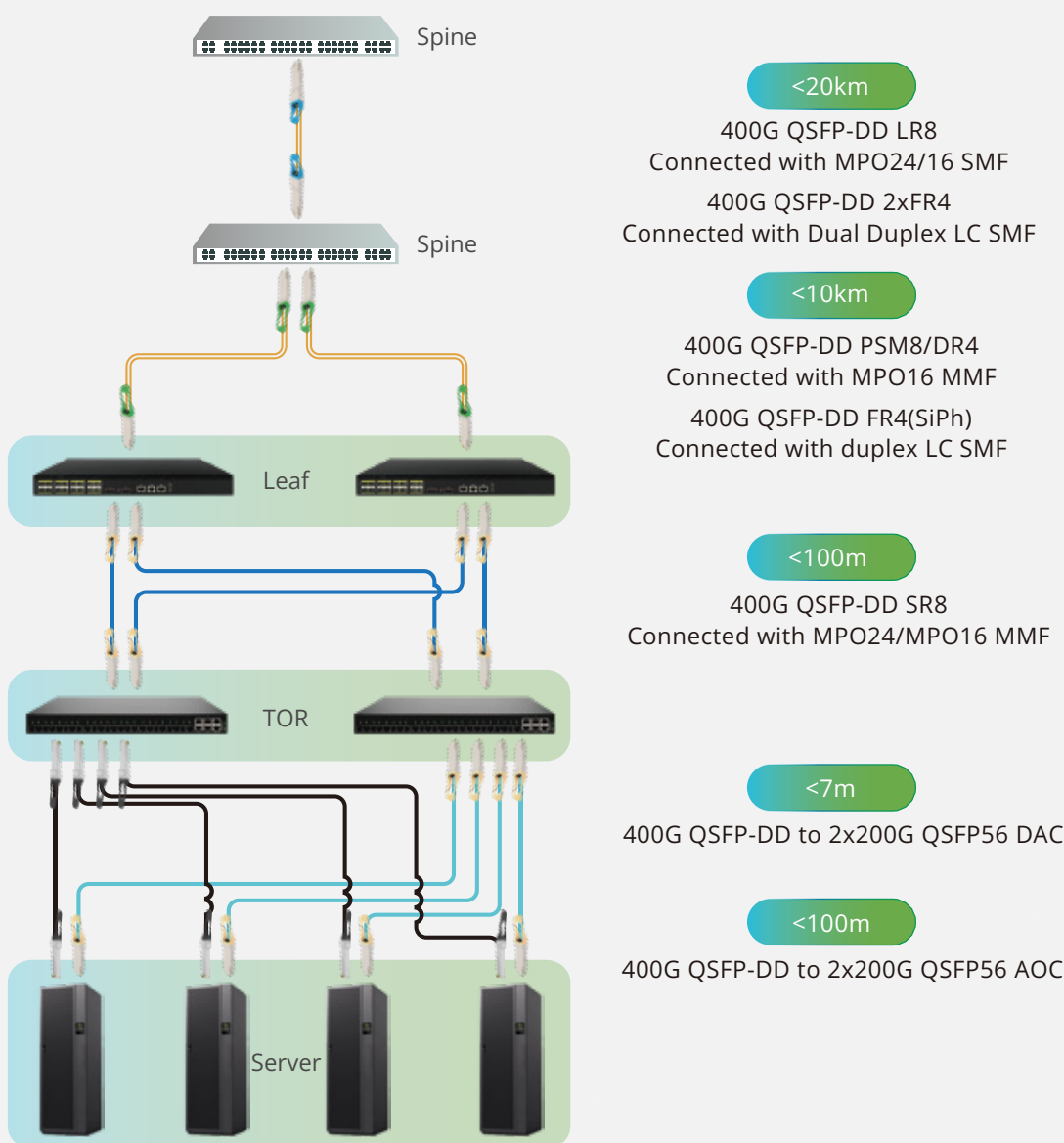
4x50G PAM4 Architecture & Typical Products



400G(8x50G PAM4) Data Center Solution

One of the typical 400G data center architecture, the 8x50G architecture offers a seamless upgrade path from 100G to 400G, thanks to its mature technology, which ensures better signal integrity and lower latency. This leads to improved data transmission reliability and reduced delays, enhancing overall performance and scalability of the data center. The use of 100G DAC/AOC enables servers to efficiently transition to 400G, making the upgrading process efficient and effective.

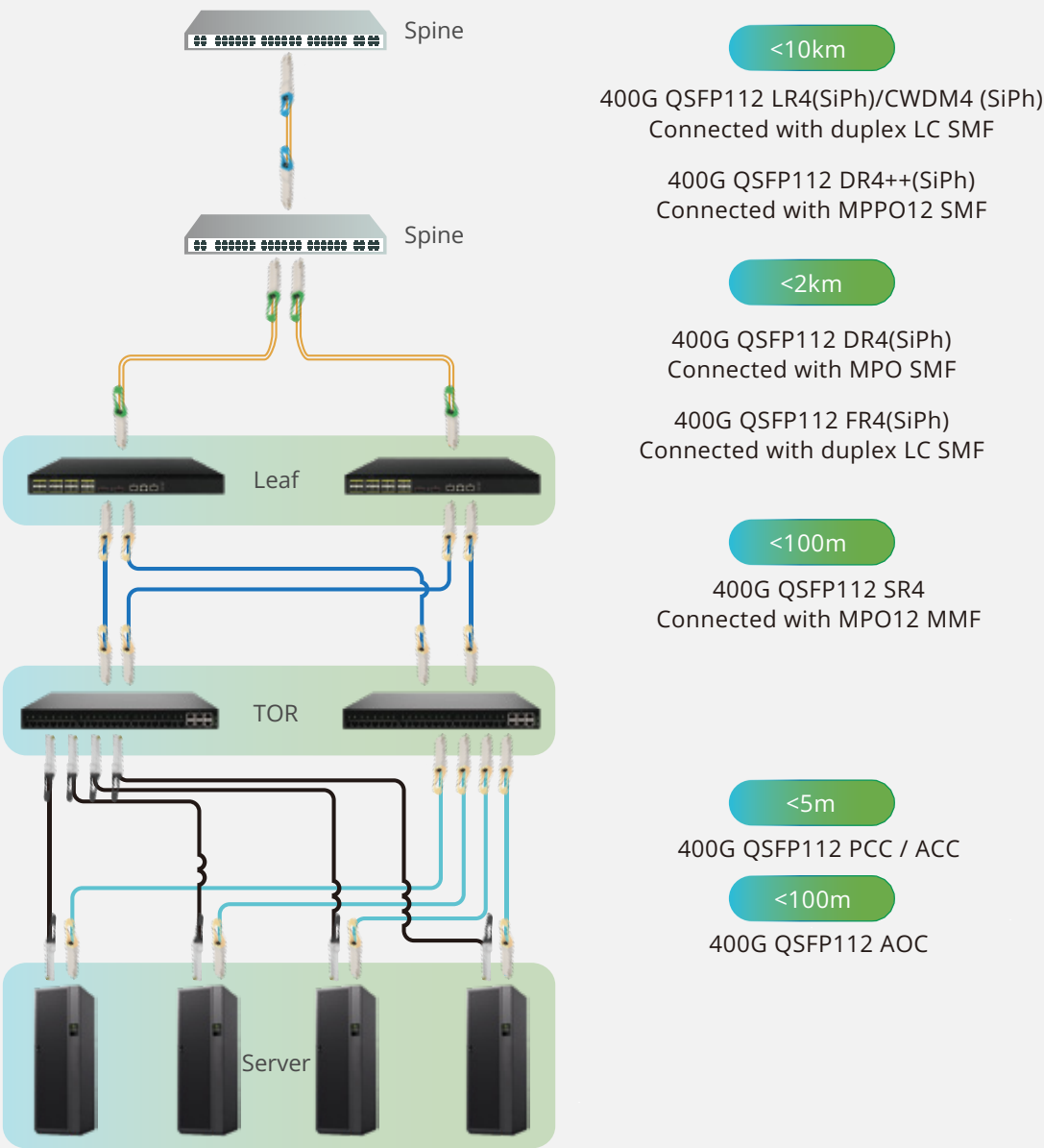
8x50G PAM4 Architecture & Typical Products



400G Silicon Photonics Data Center Solution

The latest architecture for a 400G data center is the QSFP112 architecture, which is similar to the 4x100G PAM4 architecture. The difference is that both the electrical and optical interfaces use 4x112G PAM4 modulation, which is integrated with silicon photonics to offer even lower costs and power consumption. The introduction of 112G PAM4 is aimed at facilitating the upgrade to 800G.

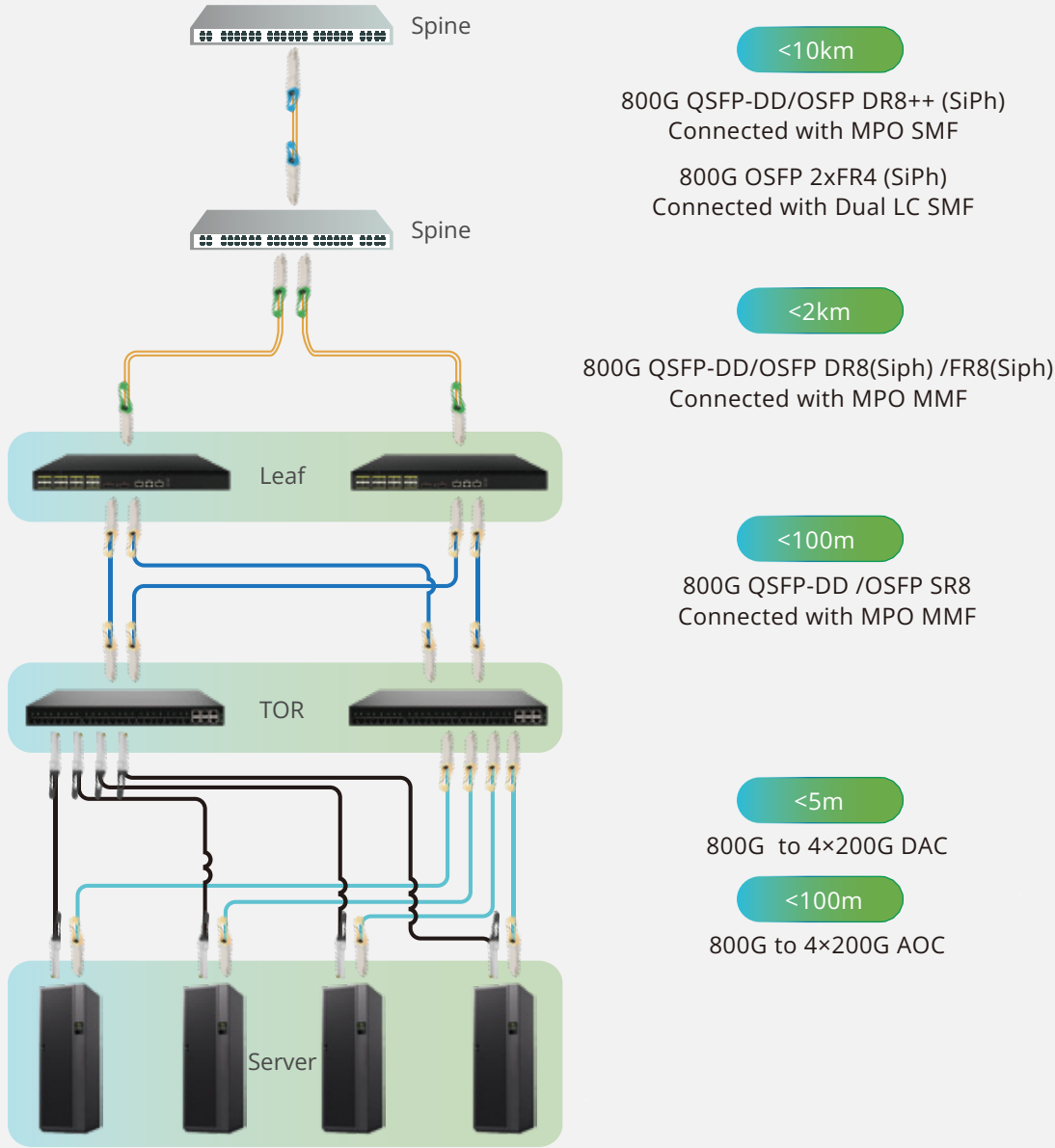
■ SiPh 4x112G PAM4 Architecture & Typical Products



Ultra Large 800G Data Center Solution

Upgrading from a 4x100G PAM4 to an 8x100G PAM4 data center architecture is an inevitable trend. The 8x100G PAM4 can provide higher speed and better reliability, support current network demands, and provide room for future growth. By increasing fiber count and port density, the data center's network throughput can be effectively improved, while enhancing data transmission reliability and stability. The 8x100G PAM4 can also reduce data center complexity, lower energy consumption and costs, and provide a better user experience.

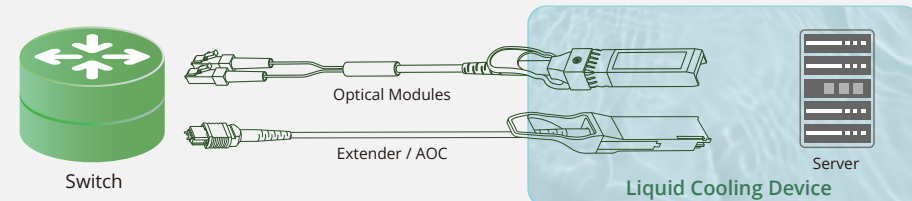
■ 8x100G PAM4 Architecture & Typical Products



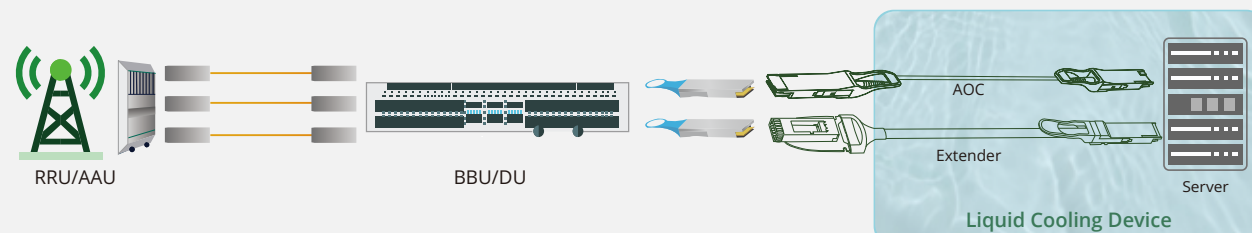
Immersion Liquid Cooling Data Center Solution

FIBERSTAMP Immersion Cooling Solutions offer a highly efficient way to reduce energy consumption in data centers. The highly efficient approach reduces energy consumption and ensures reliable performance even at depths of up to 10 meters. With a comprehensive interconnect solution, including cooling extenders, AOCs, and optical modules, we cater to diverse user requirements, from 5G base stations to data centers. Embrace cutting-edge technology and cost-effectiveness with FIBERSTAMP.

■ Immersible Liquid Cooling Data Center Typical Architecture



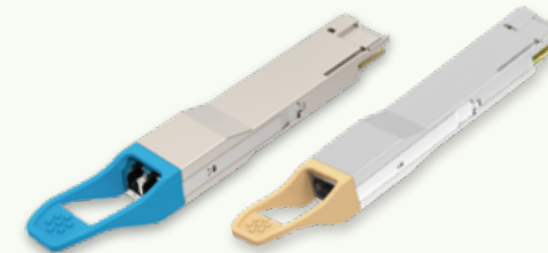
- Remain ordinary optical modules above TOR of typical data center
- Server connected to TOR with immersion cooling optics



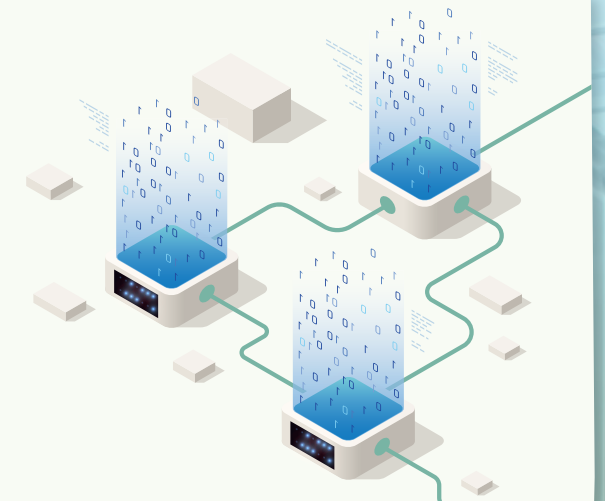
- Remain ordinary optical modules with RRU/AAU to BBU/DU of typical 5G base station
- Server connected to BBU/DU with immersion cooling optics

Seamless Integration, Global Reach FIBERSTAMP, Your Trusted Middleware Provider

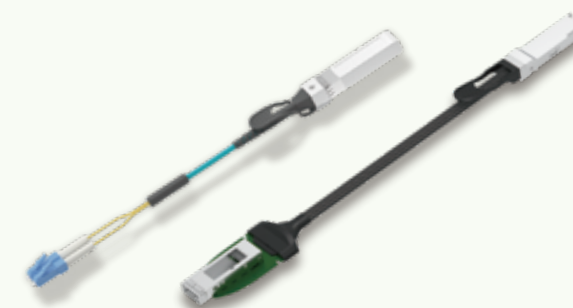
Unleash the Power of 800G Optical Transceiver



Seamless Connectivity: DAC & AOC Solutions



Stay Cool with Immersion Cooling Optics



Optical Transceivers

• 100G QSFP28 Series

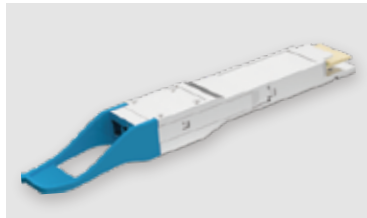
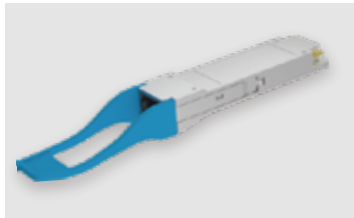


Features

- Hot-pluggable QSFP28 form factor
- 1/4-channel full-duplex transceiver modules
- Data rate up to 103.125Gbps
- 4x 25.78125Gbps NRZ optical and electrical interface
- EEPROM customized with I²C interface
- RoHS compatible (lead free)

Product Name	Center Wavelength	Max Distance or Length	Optical Interface	Max.Power Consumption	Part Number
100G QSFP28 SR4	850nm	70m(OM3)/100m(OM4)	MPO	2W	FEG-100S4Mxxx
100G QSFP28 eSR4	850nm	200m(OM3)/300m(OM4)	MPO	2W	FEG-100B2Mxxx
100G QSFP28 PSM4	1310nm	2km/10km	MPO	3.5W	FEG-100P4Kxxx
100G QSFP28 CWDM4	CWDM4	2km/10km	Dual LC	3.5W	FBG-100CLKxxx
100G QSFP28 CLR4	CWDM4	2km/10km	Dual LC	3.5W	FBG-100C4Kxxx
100G QSFP28 4WDM-10	CWDM4	10km	Dual LC	3.5W	FBG-100W4K10x
100G QSFP28 LR4	LWDM4	10km/20km	Dual LC	3.5W	FBG-100L4Kxxx
100G QSFP28 4WDM-40	LWDM4	40km	Dual LC	3.5W	FBG-100W4KxxC
100G QSFP28 ER4 Lite	LWDM4	40km	Dual LC	3.5W	FBG-100LLK40C FBG-112LLK40C
100G QSFP28 ER4	LWDM4	40km	Dual LC	6W	FBG-100L4K40C FBG-112L4K40C
100G QSFP28 eER4	LWDM4	60km	Dual LC	6W	FBG-100L4K60C FBG-112L4K60C
100G QSFP28 ZR4	LWDM4	80km	Dual LC	6W	FBG-100L4K80C FBG-112L4K80C
100G QSFP28 SR1.2	850/910nm	100m(OM4)/150m(OM5)	Dual LC	3W	FBG-100B2MxxC
100G QSFP28 FR1	1310nm	2km	Dual LC	3.5W	FBG-10031K02C
100G QSFP28 LR1	1310nm	20km	Dual LC	4W	FBG-10031K20C
100G QSFP28 ER1	1310nm	40km	Dual LC	4W	FBG-10031K40C
100G QSFP28 BiDi LR1	1271/1331nm	10km	Single LC	4.5W	FCG-1002733K40C FCG-1003327K40C
100G QSFP28 PSM DWDM4	C-band 100GHz	40km	MPO	4.5W	FEG-100D4K40C
100G QSFP28 PSM DWDM4	O-band 100GHz	80km	MPO	6W	FEG-100x4K80C

• 200G QSFP56/QSFP-DD Series



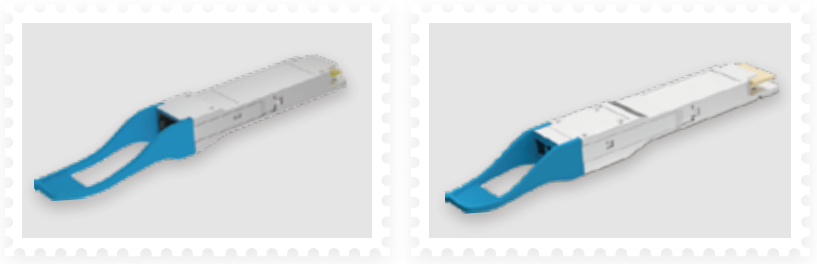
Features

- Hot-pluggable QSFP56/QSFP-DD form factor
- 4/8-channel full-duplex transceiver modules
- Data rate up to 212.5Gbps or 206.25Gbps
- 4x 53.125Gbps or 8x 25.78125Gbps PAM4 optical interface
- 4x 53.125Gbps or 8x 25.78125Gbps PAM4 electrical interface
- Compliant with QSFP56/QSFP-DD MSA and CMIS

Product Name	Center Wavelength	Max Distance or Length	Optical Interface	Max.Power Consumption	Part Number
200G QSFP56 SR4	850nm	70m(OM3)/100m(OM4)	MPO	5W	FEH-200S4M10C
200G QSFP56 DR4	1310nm	500m	MPO	5.5W	FEH-200P4M50C
200G QSFP56 FR4	CWDM4	2km	Dual LC	6W	FBH-200C4K02C
200G QSFP56 LR4	CWDM4/LWDM4	10km	Dual LC	7W	FBH-200L4K10C
200G QSFP-DD SR8	850nm	70m(OM3)/100m(OM4)	MPO	4W	FEL-200S8M10x
200G QSFP-DD PSM8	1310nm	2km/10km	MPO	6W/6.5W	FEL-200P8K02x FEL-200P8K10x
200G QSFP-DD LR8	LWDM8	10km	Dual LC	7.5W	FBL-200L8K10C
200G QSFP-DD 2x CWDM4	2x CWDM4	2km/10km	Dual LC	7W	FBL-200CLxKxxC
200G QSFP-DD FR4	CWDM	2km	Dual LC	9W	FBL-200CLK02C
200G QSFP-DD eFR4	CWDM	10km	Dual LC	9W	FBL-200CLK10C
200G QSFP-DD LR4	LWDM	10km	Dual LC	9W	FBL-200L4K10C
200G QSFP-DD ER4	LWDM	40km	Dual LC	9W	FBL-200L4K40C
200G QSFP-DD PSM DWDM4*	C-BAND	40km	MPO	9W	FEL-200T50K40C

*Product is under preliminary.

• 400GQSFPDD/QSFP112/OSFP Series



Features

- Hot-pluggable QSFP-DD/QSFP112/OSFP form factor
- 4/8-channel full-duplex transceiver modules
- Data rate up to 425Gbps
- 8x 53.125Gbps or 4x 106.25Gbps PAM4 optical interface
- 8x 53.125Gbps PAM4 electrical interface
- Compliant with QSFP-DD/QSFP112/OSFP MSA and CMIS

Product Name	Center Wavelength	Max Distance or Length	Optical Interface	Max.Power Consumption	Part Number
400G QSFP-DD SR8	850nm	70m(OM3)/100m(OM4)	MPO	8.5W	FEL-400S8M10C
400G OSFP SR8	850nm	70m(OM3)/100m(OM4)	MPO	8.5W	FUU-400S8M10C
400G QSFP-DD FR8	LWDM8	2km	Dual LC	12.5W	FBL-400C4xK02C
400G QSFP-DD LR8	LWDM8	10km	Dual LC	12.5W	FBL-400C4K10C
400G QSFP-DD PSM8	1310nm	2km/10km	MPO	11W	FEL-200P8K02x FEL-200P8K10x
400G QSFP-DD xPSM8	1310nm	20km	MPO	11W	FEL-400P8K20C
400G QSFP-DD 2x FR4	CWDM4	2km	Dual LC	9W	FBL-400C4xK02C
400G QSFP-DD CWDM4	CWDM4	6km	Dual LC	10W	FBL-400CLK06C
400G QSFP-DD LR4	CWDM4	10km	Dual LC	12W	FBL-400C4K10C
400G QSFP-DD PLR4	1310nm	10km	MPO	12W	FEJ-400P4K10C
400G QSFP112 SR4	850nm	70m(OM3)/100m(OM4)	MPO	8.5W	FEJ-400S4M10C
400G OSFP112 SR4	850nm	100m	MPO	8.5W	FEU-400S4M10C

• 800G OSFP/QSFP-DD Series

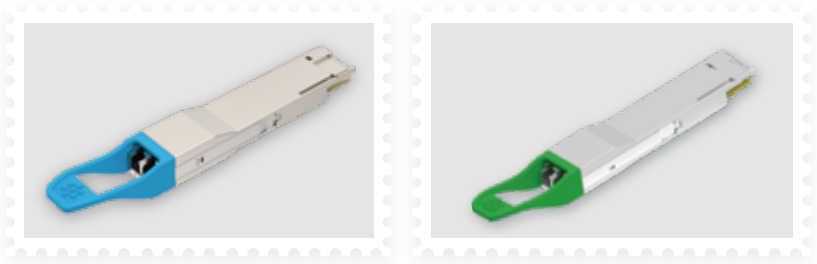


Features

- Hot-pluggable QSFP-DD/OSFP form factor
- 8-channel full-duplex transceiver modules or AOC
- Data rate up to 850Gbps
- 8x 106.25Gbps PAM4 optical interface
- 8x 106.25Gbps PAM4 electrical interface
- Compliant with QSFP-DD/OSFP MSA and CMIS

Product Name	Center Wavelength	Max Distance or Length	Optical Interface	Max.Power Consumption	Part Number
800G QSFP-DD SR8	850nm	70m(OM3)/100m(OM4)	MPO	14W	FEL-800S8M10C
800G OSFP SR8	850nm	70m(OM3)/100m(OM4)	MPO	14W	FUU-800S8M10C

• 100G/400G/800G Silicon Photonics Optical Transceivers

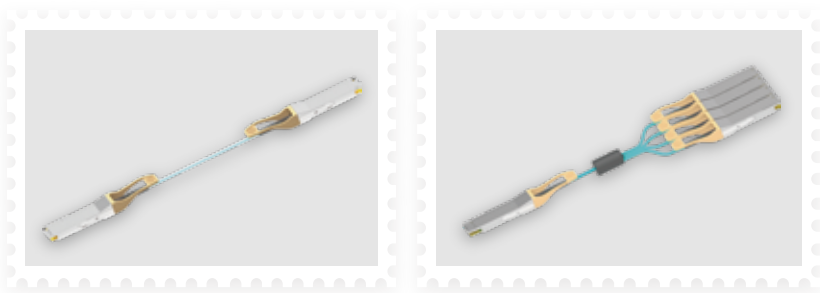


Features

- 1/4/8-channel full-duplex optical transceiver module
- Hot-pluggable QSFP/QSFP-DD MSA-compliant form factor
- Integrate with Silicon Photonics Technology
- Data rate up to 103.125Gbps ~ 850Gbps
- Case operating temperature range from 0 to 70°C
- EEPROM customized with I²C interface
- RoHS compatible (lead free)

Product Name	Center Wavelength	Max Distance or Length	Optical Interface	Max.Power Consumption	Part Number
100G QSFP28 DR1	1310nm	500m	Dual LC	4W	FTG-10031M50C
100G QSFP28 FR1	1310nm	2km	Dual LC	4W	FTG-10031K02C
100G QSFP28 LR1	1310nm	10km	Dual LC	4W	FTG-10031K10C
100G QSFP28 DWDM1	O-band	25km	Dual LC	4W	FTG-100x4K25C
400G QSFP-DD DR4	1310nm	500m	MPO	10W	FUL-400P4M50C
400G QSFP-DD DR4+	1310nm	2km	MPO	10W	FUL-400P4K02C
400G QSFP-DD DR4++	1310nm	10km	MPO	10W	FUL-400P4K10C
400G QSFP-DD FR4	CWDM4	2km	Dual LC	10W	FUL-400C4K02C
400G QSFP-DD CWDM4	CWDM4	6km	Dual LC	10W	FBL-400C4K06C
400G QSFP-DD LR4	CWDM4	10km	Dual LC	10W	FBL-400C4K10C
400G QSFP112 DR4	1310nm	500m	MPO	10W	FUJ-400P4M50C
400G QSFP112 DR4+	1310nm	2km	MPO	10W	FUJ-400P4K02C
400G QSFP112 DR4++	1310nm	10km	MPO	10W	FUJ-400P4K10C
400G QSFP112 FR4	CWDM4	2km	Dual LC	12W	FUJ-400C4K02C
400G QSFP112 CWDM4	CWDM4	2km	Dual LC	12W	FUJ-400C4K02C
400G QSFP112 LR4	CWDM4	10km	Dual LC	12W	FUJ-400C4K10C
800G QSFP-DD DR8	1310nm	500m	MPO	15W	FUL-800P4M50C
800G QSFP-DD DR8+	1310nm	2km	MPO	15W	FUL-800P4K02C
800G QSFP-DD DR8++	1310nm	10km	MPO	15W	FUL-800P4K10C
800G QSFP DD 2x FR4*	CWDM4	2km	Dual Duplex LC	15W	FUL-800C4K02C
800G OSFP DR8	1310nm	500m	MPO	15W	FUU-800P4M50C
800G OSFP DR8+	1310nm	2km	MPO	15W	FUU-800P4K02C
800G OSFP DR8++	1310nm	10km	MPO	15W	FUU-800P4K10C
800G OSFP 2x FR4*	CWDM4	2km	Dual Duplex LC	15W	FUU-800C4K02C

25G/100G/200G/400G/800G Active Optical Cables (AOC)



Features

- 1/4/8-channel full-duplex active optical cable
- 850nm VCSEL transmitter and PIN receiver
- Hot-pluggable SFP+/QSFP28/QSFP-DD/OSFP MSA-compliant connectors
- Compliant with CMIS, SFF-8636 and SFF-8665
- OM3, OM4 or OM5 MMF optional
- EEPROM customized with I²C interface
- RoHS compatible (lead free)

Product Name	Center Wavelength	Max Distance or Length	Max.Power Consumption	Part Number
25G SFP28 AOC	850nm	1-100m/300m	1W	FYC-M25Mxxxx
100G QSFP28 AOC	850nm	1-100m/300m	1.5W	FYG-100MxxxxC FYG-100MxxxxCE
100G QSFP28 to 2/4x AOC	850nm	1-100m/300m	2W (100G) /1.5W (50G)/1W (25G)	FYGxx-100MxxxxC FYGxxxx-100MxxxxCE
200G QSFP-DD AOC	850nm	1-100m	4W	FYL-200MxxxxC
200G QSFP-DD to 2/4/8x AOC	850nm	1-100m	4W(200G)/2W(100G)/1.5W(50G) / 1W(25G)	FYLxx-200MxxxxC
200G QSFP56 AOC	850nm	1-100m	5W	FYH-200MxxxxC
200G QSFP56 to 2/4x AOC	850nm	1-100m	5W(200G) / 4.5W(100G) /2W(50G)	FYH-200MxxxxC
400G QSFP-DD AOC	850nm	1-100m	9W	FYL-400MxxxxC
400G OSFP AOC	850nm	1-100m	9W	FYU-400MxxxxC
400G QSFP-DD to 2/4/8x Breakout AOC	850nm	1-100m	9W (400G) / 5W (200G) / 4.5W (100G) / 2W (50G)	FYLxx-400MxxxxC
400G QSFP112 AOC	850nm	1-100m	9W	FYJ-400MxxxxC
400G QSFP112 to 2/4x Breakout AOC	850nm	1-100m	9W	FYJxx-400MxxxxC
400G QSFP112 SR4	850nm	100m	10	FEJ-400S4M10C
800G QSFP-DD AOC	850nm	1-100m	13W	FYJ-800MxxxxC
800G QSFP-DD to 2/4/8x Breakout AOC	850nm	1-100m	13W	FYJxx-800MxxxxC
800G OSFP AOC	850nm	1-100m	13W	FTU-800MxxxxC
800G OSFP to 2/4/8x Breakout AOC	850nm	1-100m	13W	FTUxx-800MxxxxC

25G/100G/200G/400G/800G Direct Attach Cables (DAC)

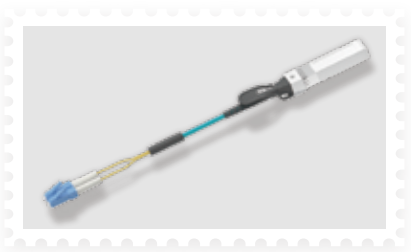


Features

- Hot-pluggable MSA-compliant DAC cables
- Data rate up to 10.3125-850Gbps
- 24/26/28/30 AWG optional
- ACC/PCC BER better than 1E-13
- Support immersion liquid cooling
- Commercial case temperature range of 0°C to 70°C
- RoHS compatible (lead free)

Product Name	Length	AWG	Part Number
PCC Series			
25G SFP28 PCC	0.5-5m	30/26	FWC-E2530xxxxC
100G QSFP28 PCC	0.5-5m	30/26	FWG-10030xxxxC
100G QSFP28 to 2/4x Breakout PCC	0.5-5m	30/26	FWGxx-10030xxxxC
200G QSFP-DD PCC	0.5-5m	30/26	FWL-20030xxxxC FWL-20026xxxxC
200G QSFP-DD to 2/4/8x Breakout PCC	0.5-5m	30/26	FWLxx-20030xxxxC FWLxx-20026xxxxC
200G QSFP56 PCC	0.5-3m	30/26	FWH-20030xxxxC
200G QSFP56 to 2/4x Breakout PCC	0.5-3m	30/26	FWLxx-20030xxxxC
400G QSFP-DD PCC	3m	30/28/26	FWL-400xxxxxC
400G QSFP-DD to 2/4/8x Breakout PCC	3m	30/28/26	FWLxx-400xxxxxC
400G OSFP PCC	0.5-3m	30/26	FWU-400xxxxxC
400G OSFP to 2/4/8x Breakout PCC	0.5-3m	30/26	FWUxx-400xxxxxC
800G QSFP-DD PCC	0.5-2m	30/26	FWL-800xxxxxC
800G QSFP-DD to 2/4/8x Breakout PCC	0.5-2m	30/26	FWLxx-800xxxxxC
800G OSFP PCC	0.5-2m2M	30/26	FWL2J-800xxxxxC
800G OSFP to 2/4/8x Breakout PCC	0.5-2m	30/26	FWL2Jxx-800xxxxxC
ACC Series			
200G QSFP-DD ACC	0.5-9m	30/26	FZL-200xxxxxC
200G QSFP-DD to 2/4/8x Breakout ACC	0.5-9m	30/26	FZLxx-200xxxxxC
200G QSFP56 ACC	0.5-7m	30/26	FZH-200xxxxxC
200G QSFP56 to 2/4x Breakout ACC	0.5-7m	30/26	FZHxx-200xxxxxC
400G QSFP-DD ACC	0.5-7m	30/28/26	FZL-400xxxxxC
400G QSFP-DD to 2/4/8x Breakout ACC	0.5-7m	30/28/26	FZLxx-400xxxxxC
400G OSFP ACC	0.5-7m	30/26	FZU-400xxxxxC
400G OSFP to 2/4/8x Breakout ACC	0.5-7m	30/26	FZUxx-400xxxxxC
800G QSFP-DD ACC	0.5-5m	30/28/26	FZL-800xxxxxC
800G QSFP-DD to 2/4/8x Breakout ACC	0.5-5m	30/28/26	FZLxx-800xxxxxC
800G OSFP ACC	0.5-5m	30/28/26	FZU-800xxxxxC
800G OSFP to 2/4/8x Breakout ACC	0.5-5m	30/28/26	FZUxx-800xxxxxC

Immersion Liquid Cooling Optical Transceivers



Features

- Hot-pluggable MSA-compliant pigtailed transceiver assemblies
- Data rate up to 25.78125-212.5Gbps
- Support immersion liquid cooling
- Customized pigtail length up to 99m
- Commercial case temperature range of 0°C to 60°C
- RoHS compliant(lead free)

Product Name	Center Wavelength	Max Distance or Length	Optical Interface	Max.Power Consumption	Part Number
10G SFP+ LR	1310nm	10km	Dual LC	0.8W	FMC-M1031K10xxx
10G SFP+ BiDi LR	1270/1310nm	10km	Dual LC	1.5W	FMC-M1023K10xxx FMC-M1032K10xxx
25G SFP28 LR	1310nm	10km	Dual LC	1.8W	FMC-M2531K10xxx
25G SFP28 BiDi LR	1270/1330nm	10km	Single LC	1.6W	FRC-M2523K10xxx FRC-M2532K10xxx
25G SFP28 SR	850nm	100m/300m	MPO	1W	FMC-M2585M10xxx FMC-M2585M30xxx
40G QSFP+ SR4	850nm	70m/100m	MPO	2W	FQF-M4085M07xxx FQF-M4085M10xxx
100G QSFP28 SR4	850nm	100m/300m	MPO	2W	FQG-100S4M10xxx FQG-100S4M30xxx
100G QSFP28 PSM4	1310nm	2km/10km	MPO	3.5W	FQG-100P4K02xxx FQG-100P4K10xxx
200G QSFP56 SR4	850nm	100m	MPO	5W	FQH-200S4M10xxx
PERLIMIANRY					
400G QSFP-DD SR8	850nm	100m	MPO	9W	FQL-400S8M10xxx
400G OSFP SR8	850nm	100m	MPO	9W	FQU-400S8M10xxx
400G QSFP112 SR4	850nm	100m	MPO	10W	FQJ-400SR4M10xxx
800G QSFP-DD SR8	850nm	100m	MPO/Dual MPO	14W	FQL-800S8M10xxx
800G OSFP SR8	850nm	100m	MPO/Dual MPO	14W	FQU-800S8M10xxx

Immersion Cooling Active Optical Cable (AOC)

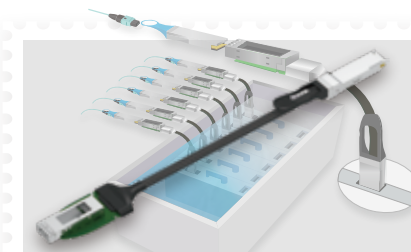


Features

- Submersible version AOC
- Hot-pluggable SFP/QSFP/QSFP-DD/OSFP MSA-compliant form factor Compliant with CMIS, SFF-8636 and SFF-8665
- Data rate up to 25.78Gbps-850Gbps
- Case operating temperature range from 0 to 60 °C

Product Name	Center Wavelength	Receiver	Reach	Power Consumption
25G SFP28 AOC	850nm	PIN	1-100m/300m	1W
100G QSFP28 AOC	850nm	PIN	1-100m/300m	2W
100G QSFP28 to 2/4x Breakout AOC	850nm	PIN	1-100m/300m	2W/1.5W/1W
200G QSFP-DD AOC	850nm	PIN	1-100m	4W
200G QSFP-DD 2/4/8x Breakout AOC	850nm	PIN	1-100m	4W/2W/1.5W/1W
200G QSFP56 AOC	850nm	PIN	1-100m	5W
200G QSFP56 to 2/4x Breakout AOC	850nm	PIN	1-100m	5W/4.5W/2W
400G QSFP-DD AOC	850nm	PIN	1-100m	9W
400G QSFP-DD to 2/4/8x Breakout AOC	850nm	PIN	1-100m	9W/5W/4.5W/2W
400G OSFP AOC	850nm	PIN	1-100m	10W
400G OSFP to 2/4/8x Breakout AOC	850nm	PIN	1-100m	10W/5W/4.5W/2W
800G QSFP-DD AOC	850nm	PIN	1-100m	15W
800G QSFP-DD to 2/4/8x Breakout AOC	850nm	PIN	1-100m	15W/10W/5W/4.5W
800G OSFP AOC	850nm	PIN	1-100m	15W
800G OSFP to 2/4/8x Breakout AOC	850nm	PIN	1-100m	15W/10W/5W/4.5W

Immersion Cooling Extender



Features

- Significant CAPEX savings for immersion liquid-cooling data centers
- Support 40G/100G/200G QSFP transceivers or AOC with QSFP-QSFP flat cage
- 30AWG twinax copper cable with length up to 50cm
- Simple deployment and fast connection
- Ultra-high reliability with simple structure
- Commercial case temperature range of 0°C to 60°C

Product Name	Package Type	AWG	Length	Temperature°C
Immersible 200G QSFP56 Extender	QSFP56 to QSFP56 Flat Cage	30AWG	Up to 50cm	0~60
Immersible 100G QSFP28 Extender	QSFP28 to QSFP28 Flat Cage	30AWG	Up to 50cm	0~60
Immersible 40G QSFP+ Extender	QSFP+ to QSFP+ Flat Cage	30AWG	Up to 50cm	0~60
PERLIMIANRY				
Immersible 800G QSFP-DD Extender	QSFP-DD to QSFP-DD Flat Cage	30AWG	Up to 50cm	0~60
Immersible 400G QSFP-DD Extender	QSFP-DD to QSFP-DD Flat Cag	30AWG	Up to 50cm	0~60
Immersible 200G QSFP-DD Extender	QSFP-DD to QSFP-DD Flat Cag	30AWG	Up to 50cm	0~60

