

Immersion Liquid Cooling for Supercomputing/HPC/Data Center



**Immersion
AOC**



**Immersion
Pigtail**

Supports

- **400G/100G/40G/25G/10G/1G**
- **Eco-friendly/Energy-efficient**
- **Compatible with single-phase and two-phase**

Optical Solutions for Immersion Liquid Cooling Application

Immersion Optical Cable_Ethernet_Single Rate

Part Name	Description	Optical Connector of Pigtail/ Electrical Connector of AOC	Length	Temperature
TQS-R1678-X8M10 FR2	Immersion 400GBASE QSFP-DD PAM4 AOC	QSFP-DD	10m	0~70°C
TQS-R1678-X8M## FR2	Immersion 400GBASE QSFP-DD PAM4 AOC	QSFP-DD	###: 01-A0 (1-100m)	0~70°C
TQS-R167A-X8M10 FR1	Immersion 400GBASE QSFP-DD PAM4 Pigtail	MPO16	10m	0~70°C
TQS-R167A-X8M## FR1	Immersion 400GBASE QSFP-DD PAM4 Pigtail	MPO16	###: 01-A0 (1-100m)	0~70°C
TGW-Q14BB-X8M10 FR1	Immersion 100G LR4 QSFP28 Pigtail	LC	10m	0~70°C
TGW-Q14BB-X8M## FR1	Immersion 100G LR4 QSFP28 Pigtail	LC	###: 01-A0 (1-100m)	0~70°C
TQS-Q14HB-X8M10 FR1	Immersion 100G QSFP28 Pigtail	MPO8	10m	0~70°C
TQS-Q14HB-X8M## FR1	Immersion 100G QSFP28 Pigtail	MPO8	###: 01-A0 (1-100m)	0~70°C
TQS-Q1LHB-X8M10 FR1	Immersion 40G QSFP+ Pigtail	MPO8	10m	0~70°C
TQS-Q1LHB-X8M## FR1	Immersion 40G QSFP+ Pigtail	MPO8	###: 01-F0 (1-150m)	0~70°C
TAS-A1EH5-X3M10 FR1	Immersion 25G SFP28 Pigtail	LC	10m	0~70°C
TAS-A1EH5-X3M## FR1	Immersion 25G SFP28 Pigtail	LC	###: 01-A0 (1-100m)	0~70°C
TAS-A1NH5-X1M10 FR1	Immersion 10G SFP+ Pigtail	LC	10m	0~70°C
TAS-A1NH5-X1M## FR1	Immersion 10G SFP+ Pigtail	LC	###: 01-F0 (1-150m)	0~70°C

Immersion Optical Cable_Ethernet_Dual Rate

Part Name	Description	Optical Connector of Pigtail/Electrical Connector of AOC	Length	Temperature
TQS-Q1JH8-X8M10 FR2	Immersion Dual rate 100G/40G QSFP28 AOC	QSFP28	10m	0~70°C
TQS-Q1JH8-X8M## FR2	Immersion Dual rate 100G/40G QSFP28 AOC	QSFP28	###: 01-A0 (1-100m)	0~70°C
TQS-Q1JHB-X8M10 FR1	Immersion Dual rate 100G/40G QSFP Pigtail	MPO8	10m	0~70°C
TQS-Q1JHB-X8M## FR1	Immersion Dual rate 100G/40G QSFP Pigtail	MPO8	###: 01-A0 (1-100m)	0~70°C
TAS-A1ZH8-X3M10 FR2	Immersion Dual rate 25G/10G SFP28 AOC	SFP28	###: 01-A0 (1-100m)	0~70°C
TAS-A1ZH5-X3M## FR1	Immersion Dual rate 25G/10G QSFP Pigtail	SFP28	###: 01-A0 (1-100m)	0~70°C
TAS-A1JH8-X1M10 FR2	Immersion Dual rate 10G/1G SFP+ AOC	SFP+	###: 01-A0 (1-100m)	0~70°C
TAS-A1JH5-X1M## FR1	Immersion Dual rate 10G/1G SFP+ Pigtail	SFP+	###: 01-F0 (1-150m)	0~0°C

Immersion Optical Cable_Infiniband_Dual Rate

Part Name	Description	Optical Connector of Pigtail/Electrical Connector of AOC	Length	Temperature
TQS-Q1ZH8-X8M10 FR1	Immersion Infiniband 100G QSFP28 Pigtail EDR/QDR/FDR	MPO8	10m	0~70°C
TQS-Q1ZH8-X8M## FR1	Immersion Infiniband 100G QSFP28 Pigtail EDR/QDR/FDR	MPO8	###: 01-A0 (1-100m)	0~70°C
TQS-Q1ZH8-X8M10 FR2	Immersion Infiniband 100G QSFP28 AOC	QSFP28	10m	0~70°C
TQS-Q1ZH8-X8M## FR2	Immersion Infiniband 100G QSFP28 AOC	QSFP28	###: 01-A0 (1-100m)	0~70°C

Immersion Copper Extender Cable

Part Name	Description	Electrical Connector	Length	Temperature
TCP-Q151B-NNE10	Immersion Copper Extender Cable 200G	QSFP56 to Cage	10cm	0~70°C
TCP-Q151B-NNE##	Immersion Copper Extender Cable 200G	QSFP56 to Cage	###: 01-50 (1-50cm)	0~70°C
TCP-Q141B-NNE10	Immersion Copper Extender Cable 100G	QSFP28 to Cage	10cm	0~70°C
TCP-Q141B-NNE##	Immersion Copper Extender Cable 100G	QSFP28 to Cage	###: 01-50 (1-50cm)	0~70°C
TCP-S1E1A-NNE10	Immersion Copper Extender Cable 25G	SFP28 to Cage	10cm	0~70°C
TCP-S1E1A-NNE##	Immersion Copper Extender Cable 25G	SFP28 to Cage	###: 10-75 (10-75cm)	0~70°C
TCP-S1F1A-NNE10	Immersion Copper Extender Cable 10G	SFP+ to Cage	10cm	0~70°C
TCP-S1F1A-NNE##	Immersion Copper Extender Cable 10G	SFP+ to Cage	###: 10-75 (10-75cm)	0~70°C

400G/100G/40G/25G/10G Immersion AOC

- QSFP-DD for 400G, QSFP28 for 100G
- QSFP+ for 40G, SFP28 for 25G, SFP+ for 10G
- Provide the option of dual rate
- Compatible with immersion cooling liquid and environment (0~70°C; option of 0~85°C)

400G/100G/40G/25G/10G Immersion Pigtail

- QSFP-DD for 400G, QSFP28 for 100G, QSFP+ for 40G
- SFP28 for 25G, SFP+ for 10G
- Provide the option of dual rate
- Compatible with immersion cooling liquid and environment (0~70°C; option of 0~85°C)

200G/100G/25G/10G Extender cable

- Low EMI radiation
- Low Insertion Loss
- Oil-resistance, dust-proof and anti-corrosion



• All products RoHS Compliant



• TAA Compliant

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