



# AI Transceiver PRODUCT CATALOG

AI & Data Center Networking  
NVIDIA 완벽 호환, 검증된 고성능 AI Transceiver

[www.chemoptics.co.kr](http://www.chemoptics.co.kr)

# Product Selection Map

- ▶ Support 850Gbps
- ▶ OIF CMIS 5.0 or later version
- ▶ Low Power dissipation
- ▶ Safety Cert : CB/cTUVus/EU/FDA/FCC/EMC
- ▶ Operating temperature range : 0°C to 70°C
- ▶ Compliant with ROHS6.0

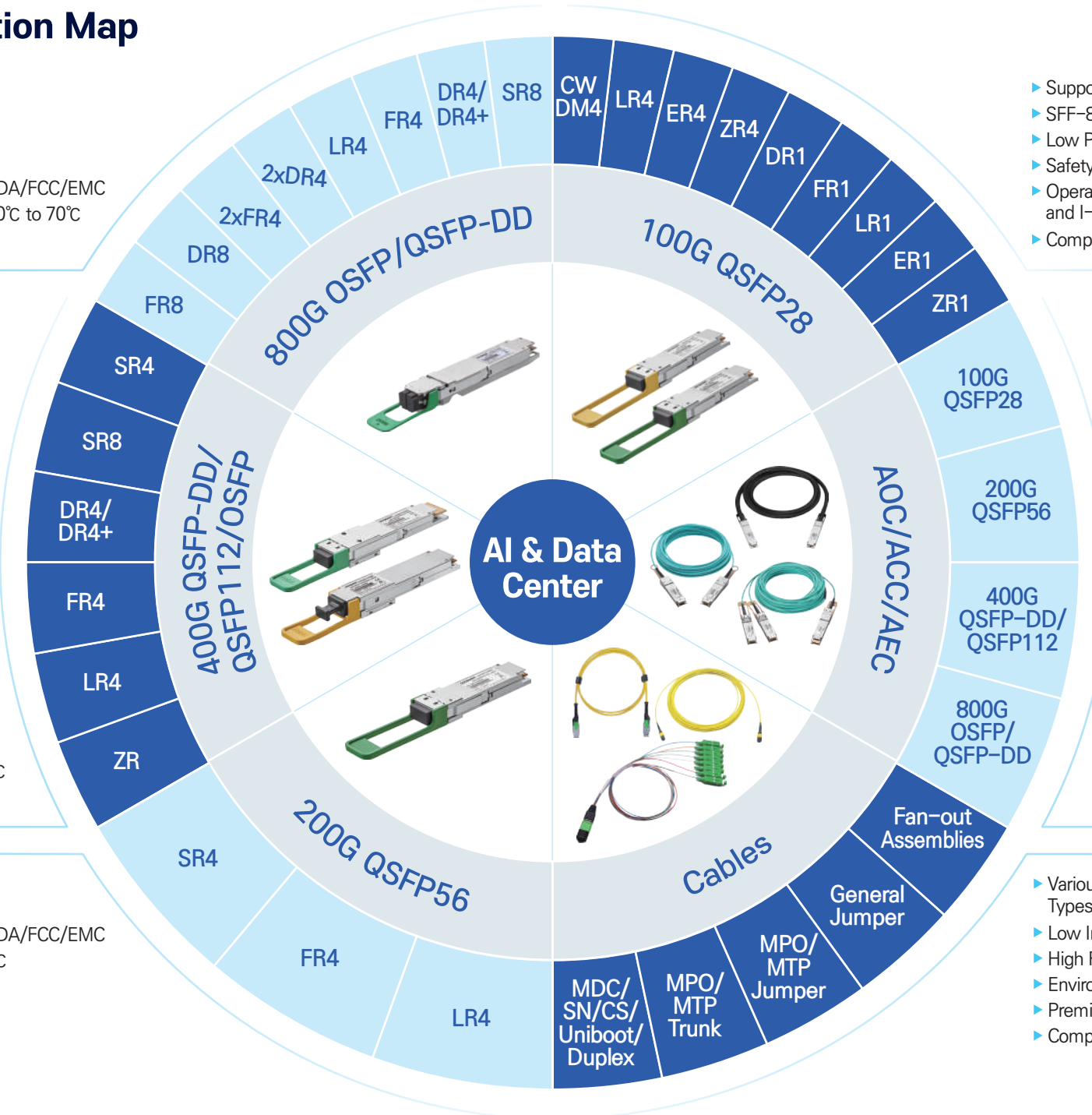
- ▶ Support 425Gbps
- ▶ Single 3.3V Power Supply
- ▶ CMIS4.0 or later version
- ▶ Safety Cert : CB/cTUVus/EU/FDA/FCC/EMC
- ▶ Commercial Temp of 0°C to 70°C
- ▶ Compliant with ROHS6.0

- ▶ Support 212.5Gbps
- ▶ Single 3.3V Power Supply
- ▶ Safety Cert : CB/cTUVus/EU/FDA/FCC/EMC
- ▶ Commercial Temp of 0°C to 70°C
- ▶ CMIS/8636 Customized
- ▶ Compliant with ROHS6.0

- ▶ Support 103Gbps/112Gbps
- ▶ SFF-8636 MSA Compliant
- ▶ Low Power dissipation
- ▶ Safety Cert : CB/cTUVus/EU/FDA/FCC/EMC
- ▶ Operating temperature C-temp 0°C to 70°C and I-temp -40°C to 85°C Customized
- ▶ Compliant with ROHS6.0

- ▶ Single 3.3V Power Supply
- ▶ Safety Cert : CB/cTUVus/EU/FDA/FCC/EMC
- ▶ Commercial Temp of 0°C to 70°C
- ▶ Compliant with ROHS6.0

- ▶ Various Options of Fiber and Connector Types and Lengths
- ▶ Low Insertion Loss and Reflectance
- ▶ High Reliability and Stability
- ▶ Environmental Green Plan Compliance
- ▶ Premium Optical Connector
- ▶ Compliant with Telcordia GR326



# Product List

## Main Optical Transceiver

Products	Data Rate	Electric signal per lane	Wavelength	Connector	Reach	Protocols	NVIDIA PN compatible
1.6T OSFP224 2xDR4	1.6T	224G(XDR)	1310nm	Dual MPO-12	500m	Infiniband / Ethernet	MMS4A00-XM
800G OSFP224 DR4	800G	224G(XDR)	1310nm	MPO12	500m		MMS4A20-XM800
800G OSFP112 2xDR4	800G	112G(NDR)	1310nm	Dual MPO-12	500m		MMS4X00-NM
800G OSFP112 2xDR4	800G	112G(NDR)	1310nm	Dual MPO-12	100m		MMS4X00-NS
800G OSFP112 2xFR4	800G	112G(NDR)	1310nm	Dual Duplex LC	2km		MMS4X50-NM
800G OSFP112 2xSR4	800G	112G(NDR)	850nm	Dual MPO-12	100m		MMA4Z00-NS
800G OSFP112 2xSR4-FLT	800G	112G(NDR)	850nm	Dual MPO-12	100m		MMA4Z00-NS-FLT
400G OSFP112 DR4	400G	112G(NDR)	1310nm	MPO12	500m		MMS4X00-NS400
400G OSFP112 SR4	400G	112G(NDR)	850nm	Duplex LC	100m		MMA4Z00-NS400
400G QSFP112 SR4	400G	112G(NDR)	850nm	MPO12	100m		MMA1Z00-NS400
400G QSFP-DD SR8	400G	56G(HDR)	850nm	MPO16	100m		MMA1U00-WS
400G QSFP-DD DR4	400G	56G(HDR)	1310nm	MPO12	500m		MMS1V00-WM
400G QSFP-DD FR4	400G	56G(HDR)	1310nm	Duplex LC	2km		MMS1V50-WM
400G QSFP-DD LR4	400G	56G(HDR)	WDM	Duplex LC	10km		MMS1V90-WR
200G QSFP56 SR4	200G	56G(HDR)	850nm	MPO12	100m		MMA1T00-HS
100G QSFP28 LR4	100G	28G(EDR)	SMF	Duplex LC	10km		MMA1L10-CR
100G QSFP28 SR4	100G	28G(EDR)	850nm	MPO12	100m		MMA1B00-E100

## Main AOC (Active Optical Cable)

Products	Data Rate	Electric signal per lane	Fiber	Reach	Protocols	NVIDIA PN compatible
200G QSFP56 SR4 AOC	200G	56G(HDR)	MMF	3m~100m	Infiniband / Ethernet	MFS1S00-HxxxV
100G QSFP28 SR4 AOC	100G	28G(EDR)	MMF	3m~100m		MFA1A00-xxxx
400G OSFP to 2x200G QSFP56	400G	56G(HDR)	MMF	3m~100m		MFA7U10-Hxxx
200G OSFP28 to 2x100G QSFP28	200G	28G(EDR)	MMF	3m~100m		MFS1S50-HxxxV

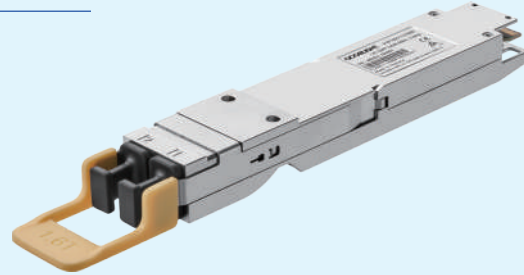
## Main MPO Cable

Products	Length	Fiber	Polarity	Jacket	Connector	NVIDIA PN compatible
MPO12/Angled APC/fiber MM.	1m~100m	MMF	B type	LSZH	Female	MFP7E10-Nxxx
MPO16/Angled APC/fiber MM.	1m~100m	MMF	B type	LSZH	Female	
MPO12/Angled APC/fiber SM.	1m~100m	SMF	B type	LSZH	Female	MFP7E30-Nxxx
MPO12/Angled APC 1x2 breakout. MM.	1m~100m	MMF	B type	LSZH	Female	MFP7E20-Nxxx
MPO16/Angled APC 1x2 breakout. MM.	1m~100m	MMF	B type	LSZH	Female	
MPO12/Angled APC 1x2 breakout. SM.	1m~100m	SMF	B type	LSZH	Female	MFP7E40-Nxxx
MPO16/Angled APC 1x2 breakout. SM.	1m~100m	SMF	B type	LSZH	Female	

# 1.6T

2xDR4 2xFR4

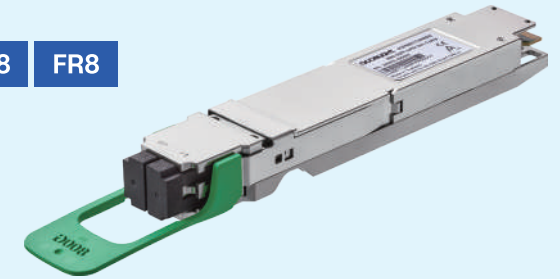
- OSFP MSA Compliant
- Single 3.3V Power Supply
- RoHS Compliant
- CMIS5.0 or later version
- Safety Cert: CB/cTUVus/EU/FDA/FCC/EMC
- Commercial Temp of 0°C to 70°C



# 800G

SR8 2xDR4 2xFR4 DR8 FR8

- Support 850Gbps
- Single 3.3V Power Supply
- RoHS Compliant
- CMIS5.0 or later version
- Safety Cert: CB/cTUVus/EU/FDA/FCC/EMC
- Commercial Temp of 0°C to 70°C



(주)캠옵틱스의 개발·품질 역량과 글로벌 파트너사의 고속 제품 포트폴리오를 기반으로, 국내 AI 데이터센터 광인터커넥트 시장에 안정적인 공급망을 제공합니다.

## 글로벌 파트너사 - Acclight technology Inc.

- ▶ 400G / 800G / 1.6T 제품 공급
- ▶ 글로벌 양산 CAPA 확보 : 월간 400G 20만개, 800G 15만개 생산
- ▶ 미국시장 누적공급량(2025년) : 800G 50만개 이상, 400G 200만개 이상
- ▶ (주)캠옵틱스 독점 국내공급

