

# Phosilink

Phosilink's 400G/800G series high-speed optical module products are designed and developed based on self-developed silicon photonics technology.

Our products comply with IEEE 802.3 and QSFP-DD/OSFP MSA, CMIS, and other global standards. They are mainly used in InfiniBand, Ethernet, data centers, AI computing, and other applications.



Product Description	Solution	Data Rate/Lane	Tx Power	TDECQ	Sensitivity @1E-6	Power Consumption	Transmission Distance	Temp. Range
100G QSFP28 PSM4	1310nm LD +silicon EPIC	25 Gbps	-9.4~2 dBm	-	-13 dBm	≤3.5W	500m	0-70°C
400G QSFP-DD SR8/SR8+	850nm VCSEL	50 Gbps	-6.5~4 dBm	1.5 dB	-9 dBm	≤8W	100m(OM4)/200m(OM4)	0-70°C
400G OSFP-RHS DR4/DR4-2	1310nm LD + silicon PIC	100 Gbps	-2.9~4 dBm	1.5 dB	-6 dBm	≤9W	500m/2km	0-70°C
400G QSFP112 DR4/DR4-2	1310nm LD + silicon PIC	100 Gbps	-2.9~4 dBm	1.5 dB	-6 dBm	≤9W	500m/2km	0-70°C
400G QSFP112 DR4 LPO	1310nm LD + silicon PIC	100 Gbps	-2.9~4 dBm	3.0 dB	-5 dBm	≤5W	500m	0-70°C
800G OSFP DR8/DR8-2	1310nm LD + silicon PIC	100 Gbps	-3~3.9 dBm	1.5 dB	-6 dBm	≤15W	500m/2km	0-70°C
800G OSFP 2xFR4/2xLR4-6	CWDM Grid LD + silicon PIC	100 Gbps	-3.2~3.5 dBm	1.5 dB	-6 dBm	≤15W	2km/6km	0-70°C
800G OSFP DR4	1310nm LD + silicon PIC	200 Gbps	-2.4~4.9 dBm	2 dB	-4.1 dBm	≤14W	500m	0-70°C
800G OSFP DR4 LPO	1310nm LD + silicon PIC	200 Gbps	-2.4~4.9 dBm	3.0 dB	-3.1 dBm	≤7W	500m	0-70°C
800G OSFP DR4 TRO	1310nm LD + silicon PIC	200 Gbps	-2.4~4.9 dBm	2 dB	-3.1 dBm	≤10W	500m	0-70°C

**Contact us for product specifications, quotes, or custom solutions.**

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