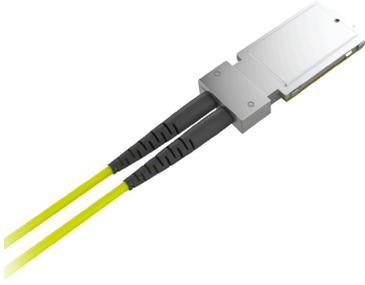


1.6T NPO/CPO SiPh Engine



The 1600G CPO DR16 Silicon Photonics Engine, based on linear direct-drive technology, is part of GIGALIGHT's portfolio of innovative products for the next-generation optical network era. The 1600G linear CPO combines a SOCKET-type package with LPO linear direct-drive technology. Compared with traditional NPO/CPO designs, the linear CPO silicon photonics engine eliminates the DSP, resulting in significantly lower system-level power consumption and reduced overall costs.

The EL-OSFP External Light Source Module adopts a light-source-forward design to deliver continuous-wave (CW) light for CPO systems. This design unlocks the full potential of the CPO architecture, enhances thermal dissipation efficiency, and reduces maintenance costs.

Description

Product	Modulator Type	Number of channels	Reach	Wavelength	Max power consumption
1.6T CPO DR16 SiPh Engine	Silicon photonic modulator	16×100G PAM4	500m	1310nm	<16W

Product	Light Source Type	Number of channels	Wavelength	Max Tx power per lane
EL-OSFP External Light Source Module	CW-LD	16X	1310nm	20dBm