

# **Lebanon Direct Sales Optical Amplifier 800G**



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High-density 800G OSFP and QSFP-DD transceivers support InfiniBand and RoCE, enabling 100m to 2km transmission via MMF and SMF.



Unleash unparalleled connectivity with our 800G LPO OSFP, driven by Linear-Drive Technology. This innovative solution redefines short-range, high-bandwidth, and low-latency applications.



Developments in three distinct areas are needed for 800G deployment: optical modules and direct attach copper (DAC) cables, switch ASICs, and 800GE standardization.



“ Linear drivers with gain and equalization control of VCSELs at transmitter” Trans-impedance amplifiers (TIA) with output amplitude and equalization control at receiver” Ultra-low power consumption: < 4W” ...



The 800G Digital Coherent Optics (DCO) family of transceivers are available in two small form-factors, QSFP-DD and OSFP, which enable them to plug directly into routers/switches for IP-over-DWDM.



The 800G pluggable MSA released the first version of the specification in Q4 2020, with a small number of devices already in prototype and the first 800G optical models expected to be available in 2021.



The company offers 800G and 1.6T optical transceivers and a full range of cable types — AOC, AEC, ACC, and DAC — with a focus on rapid delivery and expert technical support.



The 800G DR8/DR8+ optical receiver is compliant with (2x of) the IEEE 802.3bs 400GBASE-DR4 standard on 8 channels of 100G PAM4 data on parallel single-mode fiber (100G per fiber), with ...



Qualified for use across Juniper's 800GbE-capable PTX and QFX product families, Juniper offers an expanding portfolio of 800G optical transceivers in both QSFP-DD800 and OSFP800 formfactors. ...



global leader in optics! We are a third-party optical transceiver and DAC/AOC supplier based in Lebanon, offering top-tier products certified by a world-leading test and measurement ...



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## Contact Us

For more information, pricing, or custom energy solutions, please contact us:

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