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Kaiam Introduces Enhanced 100G CWDM4+ for Higher Performance and Reliability

*These transceivers address data center operators' concerns with
performance and reliability without adding cost*

Newark, CA — June 12, 2018 — Kaiam Corporation, a leader in advanced data center transceivers, today announced the availability of an enhanced series of 100G “CWDM4+” transceivers that offers substantially higher performance than the CWDM4 standard and is optimized as well as tested for added reliability. MSA standard transceiver specifications are often inadequate to account for losses due to variations in data center fiber plant, adding to the cost of deployment. Furthermore, even low failure rates of transceivers add substantial operating cost for data centers. Kaiam’s new enhanced specification and increased reliability transceiver addresses both concerns without additional cost.

These enhanced CWDM4+ transceivers provide -1dBm minimum Tx OMA, 3dB more than required by the CWDM4 standard. This, in turn, supports 3dB more link budget than the CWDM4 standard requires, supporting more robust links in the face of various real-world data center link impairments. Similar to a space-grade production process, each fully assembled module undergoes environmental test and burn-in prior to shipment, as well as routine chip-level screening, resulting in higher reliability.

Kaiam is able to deliver this enhanced CWDM4+ performance at no cost increase over standard CWDM4 due to its superior technology platform. Kaiam’s elegant LightScale®2 architecture simplifies both optical and high-speed electrical paths. The optical path, based on Kaiam’s OWB™ (Optical Wire Bond) technology, uses far fewer components than competing legacy solutions, resulting in lower optical losses. Signal integrity is improved by eliminating flex circuits and hermetic gold boxes, enabling very high product yields even under more challenging CWDM4+ specs.

“Kaiam is uniquely positioned to address the data center deployment issues encountered by our customers,” stated Jeremy Dietz, VP of Global Sales & Marketing. “By enabling more link budget and delivering higher reliability than standard products, many of these issues can be avoided. We have moved the technology needle considerably, proving that the CWDM4 standard specs are overly conservative in today’s world. Our recently expanded production capacity in Livingston, UK combined with that from our [partnership with Broadex](#) provides customers with quick access to improved value.”

Please contact Kaiam today and inquire about our new XQX5600 series of enhanced 100G CWDM4+ LightScale2 transceivers in QSFP28 pluggable form factor.

About Kaiam Corporation

Headquartered in Newark, California, with large-scale manufacturing in Livingston, Scotland, Kaiam is a leading manufacturer of optical transceivers for hyperscale data centers. Founded in 2009 by leading technologists from the optical networking industry, the team has a record of delivering breakthrough products that change the rules of the marketplace. Current products include 100Gb/s LightScale® optical transceivers optimized for data centers and a range of planar lightwave circuits (PLCs). For more information, visit www.kaiam.com and follow on Twitter at: @KaiamCorp