

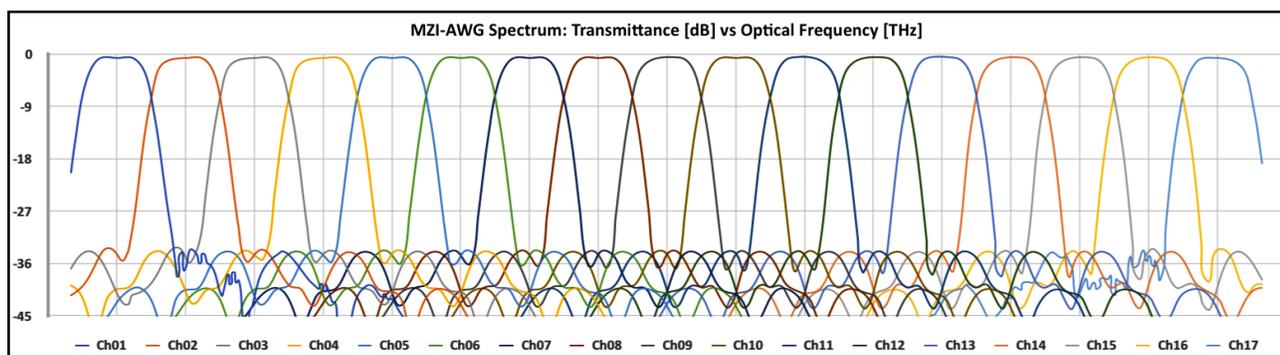
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Kaiam Intros Ultra-Low Loss Flattop Mach-Zehnder Athermal AWG (MZ-AAWG) to Address 5G Fronthaul Requirements

LIVINGSTON, UK – September 20, 2018 – Kaiam, a leading manufacturer of advanced PLC device solutions and optical transceivers for HDC applications, today announced availability of an ultra-low loss Mach-Zehnder Athermal AWG (MZ-AAWG) to address industrial temperature 5G fronthaul requirements. This family of devices offers a flat passband with ultra-low loss using the on-chip combination of Mach-Zehnder and AAWG technology.



Simulated spectrum for Kaiam 16ch MZ-AAWG

The MZ-AAWG combination allows AWG technology to achieve a flat passband with almost zero loss. This is accomplished by synchronizing the Mach-Zehnder with the AAWG and provides the benefits of low loss comparable to the peak of a Gaussian AAWG, but over a much wider passband with industrial temperature performance from -40C to +85C.

Kaiam is the first company to offer this patented design in production volumes, with deliveries currently underway to worldwide rollouts of 5G solutions.

The low-loss and good isolation characteristics of MZ-AAWG over a wide specification passband make it the candidate of choice for industrial temperature applications in terrestrial mobile fronthaul deployments. The same technology can be used in a cyclical manner addressing different ITU bands/channel plans for upstream and downstream traffic.

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.