



RFOptic Newsletter - Q1 2024

Welcome to our first newsletter of 2024. We start with commercial and company news, and we end with news from our R&D department. As always, feel free to share this newsletter and follow us on [LinkedIn](#), [Facebook](#), and [Twitter](#).
The RFOptic team.

Commercial News

We have recently concluded a cooperation agreement with [Acentury](#), a software technology company that builds zero-touch automation and orchestration products for next-gen wireless networks. Under the agreement, RFOptic and Acentury will offer combined solutions to 5G customers and other interested parties.



As RFOptic, we have also increased our activities in India by facilitating cooperation between our local partner and leading local integrators to provide high-end optical RF solutions. Globally we continue receiving orders for applications in our main growth engines, namely, [RF-over-Fiber for 5G](#) and [RF-over-Fiber for defense](#) and HTTP Live Streaming (HLS) infrastructure.

Company News

Our US subsidiary RFOptic Inc., has kicked off its operations. The Company sells our RFOptic solutions, including RFOptic's [off-the-shelf products](#), [multi-link subsystems](#), and customized solutions as well as our [Optical Delay Lines](#), [Altimeter](#), and build-to-spec [subsystems](#). RFOptic, Inc., also provides its customers with technical support and consulting. Local customers receive pre-sales and post-sales [support](#) free of charge to enable optimal implementation and deployment of our RF-over-fiber solutions.



RFOptic will be exhibiting at the upcoming [IEEE MTT-S International Microwave Symposium](#) (IMS), taking place this year, in Washington, DC June 16 - June 21, 2024. Come and meet us in booth **#1306**.

In addition, we will be participating in the [54th European Microwave Conference](#) in Paris, in September 2024 in the booth of our French distributor [Matech Electronique](#).



News from our R&D department

We continue our efforts in R&D department at the links and system level, and have:

- Completed development of a **programmable high-frequency (> 18GHz) phase-matching solution**. A demo system of four 18GHz links will be available soon for demonstration to customers with excellent inter-channel phase tracking results.
- Introduced solutions for VNA extenders and multi-fiber/site phase correctible RFoF technology with ultimate phase match up to 40GHz available to select customers.
- Improved the security of our **remote management system** by adding an HTTPS interface connection with customizable PKI SSL encryption. This is required by customers operating in firewalled network zones.
- Improved the High-Speed Fiber-Optic Delay Range (HSFDR) pilotless stabilization technology to shorten the stabilization time and extend the operating temperature range of -45°C — +70°C.
- Introduced optional Automatic Level Control (**ALC**) technology in both the RFoF's Tx and the Rx programmable terminals (available in both local and remote management).



For any questions, remarks, or suggestions, feel free to [contact us](#).

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