



RFOptic Newsletter - H2 2023

Welcome to our H2 2023 newsletter. 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](#).
RFOptic team.

Commercial News

During this semester, we concluded more deals with major players in the 5G testing sector in Europe and in the EW & Defense sector in the US.

Our activities to help former Emcore customers with our market-leading products and solutions to replace their Emcore's discontinued products have paid off. We received the first major order from a Japanese multinational IT & electronics corporation to replace their discontinued Emcore products with ours.



As mentioned in our previous newsletter, we received a major order from a leading European telecom company for our 5G solution consisting of our **RFoF 4GHz Bidirectional sub-systems**. We shipped the order, and the installation at the customer's site will commence soon. The RFOptic bidirectional systems will be used to interface different types of equipment in different labs via an optical switch. It will also serve as a technology demonstrator system for other departments.

To read the press release, click [here](#).

Company News



As we have announced before, we have established our US subsidiary **RFOptic Inc.**, which is selling RFOptic's solutions in the US & Canada. We have already received several large purchase orders and have hired our first local employees. We have signed up two reps to cover the East Coast and will hire additional reps to cover the rest of the North American market.

RFOptic Inc. provides RFOptic's off-the-shelves products, multi-link subsystems, and customized solutions, including our Optical Delay Lines, Altimeter, and build-to-spec sub-systems. Moreover, RFOptic Inc is heavily support customers in order to meet their design and specifications and provides intensive pre and post service in North America.

Our Senior VP, Mr. Oz Abramson, was interviewed by [EverythingRF](#). In the interview, Oz touched on the history of RFOptic, described our market segments and technology, and explained about RFOptic's 5G/6G solutions and Optical Delay Lines. The interview ended with RFOptic's plans for the next few years:

1. Expanding the [market for 5G](#) and 6G solutions.
2. Expanding our solutions for [EW and Radar](#).
3. Increasing sales in the US significantly through our newly founded NJ-based subsidiary [RFOptic Inc.](#)
4. Positioning [RFOptic](#) as the world leader in RF Optical solutions.

To read the full article, click [here](#).



News from our R&D department



As mentioned in our previous newsletter, thanks to the efforts of our R&D department, we can now provide our customers with our RF over Fiber High SFDR (Low Noise) L series that are used in applications such as civil communication, antenna remoting, telemetry, defense systems, and communications. Options are [12GHz](#), [18GHz](#), [20GHz](#), [30GHz](#), and [40GHz](#) LN HSFDR solutions.

We have added [HSFDR 67GHz](#) to our product portfolio. Furthermore, we have launched our revolutionary phase-matched HSFDR 18GHz solution. Furthermore, we are continuously improving our monitoring and management system, such as by including automatic load control (ALC) mechanism for 4GHz and 6GHz RFoF systems.

We also launched our [Mini Optical Delay Line \(ODL\) series](#), which provides a compact, high-performance solution for testing and calibrating radar systems or for RF Communication featuring accurate time delay with ultra-low noise. The Mini ODL solution up to 6 GHz is based on direct modulation, while the Mini ODL solutions from 6 GHz up to 18 GHz are based on indirect modulation.

Current R&D projects include a new 12GHz solution with direct modulation. As a technology-driven company, we are continuously developing new features for our Optical Delay Lines as well as our management & monitoring system.

On a closing note, we want to wish you a prosperous 2024.



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

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