



RFOptic Newsletter - H1 2023

Welcome to our H1 2023 newsletter. We start this newsletter with a short overview of H1 2023, followed by 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.

Overview of H1 2022

We will start this newsletter with a short overview of our activities in H1 2023. We were able to grow exponentially this year. We expanded our commercial activities in the **defense markets** in the US, India, and Israel. We also increased the sales of our **5G applications** in Europe and in other strategic markets, especially in the vendor and telcos sub-markets. As a part of our growth strategy, we established in July 2023 our North American subsidiary, RFOptic Inc., to increase our presence and accelerate our growth in the North American market.



Apart from orders from new customers, we also received numerous repeated orders. As part of our overall business strategy, we continued to expand our marketing activities and invest in ground-breaking R&D to provide new products that meet the requirements of our customers.

Commercial News

We recently performed a successful trial in one of the biggest telco's interoperability labs. A version of our bi-directional RFoF system was tested successfully. The telco was especially impressed by the performance and management and monitoring capabilities of our solution.

Other achievements include the delivery of **Ka** systems to a major Satcom integrator. We also provided our **phase-matched system** to a strategic customer and increased our production capability by thousands of RFoF modules to support our business growth.

Company News

To communicate our new positioning, we have updated our website. We have added a **market segments section** to reflect the main applications that our customers are looking for. Apart from **EW & Radar**, **Broadcast**, **Testing & Measuring**, and **Radio Telescope**, we are offering solutions for **Drone/UAV**, **Mines & Emergency Services**, and **Government & Defense customers**.



To support our growing business, we hired more personnel, including a seasoned business development manager for strategic accounts. We doubled the space at our headquarters to include more lab and operation space and a stock room.

We concluded more deals with major players in the 5G testing sector in Europe and in the EW & Defense sector in the US. We expanded our activities by helping former Emcore customers with our market-leading products and solutions to replace their Emcore's discontinued products. You can find our related news announcement [here](#).



With the growing demand in North America, we have established our US subsidiary **RFOptic Inc.**, which will sell RFOptic's solutions in the US & Canada. The new subsidiary will also provide pre and post sales services to its customers. RFOptic Inc. will provide RFOptic's off-the-shelves products, multi links sub-systems, and customized solutions, including our Optical Delay Lines, Altimeter, and build-to-spec sub-systems.

Fusoh Shoji Co., Ltd. Joined our Network of Distributors

Fusoh Shoji Co., Ltd. was founded in 1963, and its mission is to supply Japan with cutting-edge microwave & optical network technology in the 21st Century. As a leading distributor of electronic parts and electronic communications equipment for defense and civil applications, Fusoh Shoji will market RFOptic's RFoF and ODL solutions in the Japanese market.



News from our R&D department



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 also launched **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 new HSFDR up to 60GHz as well as increasing direct modulation frequencies, a new capability to supply phase-matched RFoF channels up to 18GHz and 40GHz along with our already established phase-matched RFoF solutions up to 6GHz. As a technology-driven company, we are continuously developing new features for our Optical Delay Lines as well as our management & monitoring system.

To learn more, [contact us](#).

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