

RFOptic helps former Emcore customers with its market-leading products and solutions

As [announced before](#), Emcore is shutting down its broadband business and discontinuing one of its optoelectronics product lines. For Emcore customers, this means that they are looking for a new supplier, with [RFOptic](#) being the obvious choice. We not only offer equivalent market-leading products, but by choosing us, you will get much more! With our vast experience, we are an R&D-driven company, launching new products and solutions based on customer needs. We provide excellent support (from design to implementation), have fast delivery times, and strongly believe in being your partner for the long haul.



RFOptic offers [low-frequency RFoF modules](#) (up to 6GHz) direct modulation RFoF solutions covering bandwidths from 0.5MHz up to 6GHz. These modules are programmable over USB monitoring & control interface. They include [2.5GHz](#), [2.5GHz \(GPS\)](#), [3GHz](#), [4GHz](#), and [6GHz](#). Enclosures containing sets of modules can be [monitored and controlled remotely](#) via HTML/SNMP/REST protocols.



For customers looking for a spurious-free dynamic range (SFDR) solution when multiple signals of very different power levels are expected, our HSFDR L and Q series meet their needs.

Our RF over Fiber High SFDR (Low Noise) **L-series** consist of [12GHz](#), [18GHz](#), [20GHz](#), [30GHz](#), and [40GHz](#) RF over Fiber LN High SFDR.

Our RF over Fiber High SFDR **Q-series** consist of [12GHz](#), [18GHz](#), [20GHz](#), [30GHz](#), and [40GHz](#) RF over Fiber High SFDR.



We provide high-performance low & high frequency Optical Delay Line (ODL) solutions for testing and calibrating radar systems and RF communications. Our [high-frequency ODL solutions](#) include 12.0GHz, 18.0GHz, 20.0GHz, 27.0GHz, and 40.0GHz high-frequency Optical Delay Lines. Our [low-frequency ODL solutions](#) include 2.5GHz, 4.0GHz, and 6.0GHz.



Our high-frequency [RADAR Altimeter Test](#) provides a high-performance solution for testing and calibrating Altimeter RADAR systems. It enabled the user to replicate the landing and taking off of planes with real-time accuracy for training pilots.

This customized Optical Delay Line solution with high-resolution delay steps “tricks” a flight simulator’s altimeter to think it is flying in the air, including taking off and landing scenarios.



We provide subsystems for end-to-end solutions. Our subsystems are deployed at several major organizations. Our subsystems include [5G unidirectional systems](#), [5G bidirectional systems](#), [RF over Fiber 1U and 1U/2U subsystems with removable panels](#), [RF over Fiber subsystems for outdoors](#), [redundant multi-channel programmable 2.5GHz RF over Fiber systems](#), and [programmable phase-matched 6.0GHz RF over Fiber](#).

Contact us now to discuss how we at RFOptic can help you.

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