

CORPORATE BROCHURE

RFOptic is a solutions provider and R&D-driven & innovative manufacturing company with global coverage and extensive experience with customized solutions for the 5G testing and EW & radar markets. We have a global customer base of medium, large, and multinational enterprises, including Fortune 500 companies. Our high number of repeated orders results from our quick response to all customer inquiries, fast order fulfillment, and excellent pre- and post-support, including troubleshooting.

OUR PRODUCT PORTFOLIO

Standard RFoF Links

Low frequency

- Programmable standalone RFoF links from 0.5MHz up to 2.5GHz, 2.5GHz GPS/GNSS, 3GHz, 4GHz, 6GHz, or 8GHz.

High frequency

- Standalone RFoF links from 1GHz (0.1GHz option) up to 12GHz, 18GHz, 20GHz, 30GHz 40GHz and 67GHz, including our 12GHz and 18GHz Ultra series.

Standard subsystems

- User-configurable 1UR or 2UR, 2UHD enclosures with hot-swap of terminals.
- Factory-configurable 1UG small, big, and extra big outdoor enclosures.

Custom solutions

- 1UG small, big, and extra big outdoor or custom enclosures.
- Optical Delay Line Semi-custom design and implementation, fixed and progressive configurations.

SOLUTIONS/APPLICATIONS

Civil Applications

5G testing for base stations and other equipment, 5G testing for telecom, DAS, radio telescope, mines, ground station LEO, EMC measurements, anechoic chambers, broadcast, Remote Antenna (general purpose), GPS and GNSS, and Satcom (GEO, LEO)

Defense and Homeland Security (EW)

Measuring height from the ground by ODL for Altimeter, 18, 6 GHz PTP phase match and time delay point to multipoint, multi antennas arrays for EW, flight simulators arrays, phase calibration, phased array, optical cabling in aircrafts, drone/UAV, RF signal storage (RFML) for offline processing (ELINT, EW), RFoF HSFDR for satellite mm-Wave remote antenna, EMC measurements, anechoic chambers, broadcast, EMC measurements, remote antenna (general purpose), GPS and GNSS, Satcom (GEO, LEO), and up-down converter and optical mixing.

WHY CHOOSE US?

- We are an R&D-driven & innovative manufacturing company with global coverage and extensive experience with innovative solutions for the 5G testing and EW & radar markets.
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BENEFITS

- Wide range of off-the-shelf products at IF, VHF, UH, L, S, C, X and Ku bands
- Customized products with off-the-shelf advantages
- Highly integrated plug & play RFoF and ODL solutions
- High-performance products at affordable prices
- Short delivery lead time
- Excellent customer service and rapid response time
- Worldwide network of distributors and partners
- Enabling superior performance by optimizing RF and Optical design.

OUR MARKETS

**5G Cellular | EW & Radar | Drone/UAV | Testing & Measuring | Government & Defense | Broadcast
Mines & Emergency services| Broadcast Radio Telescope | RF Satcom mmWave & LEO solutions**

