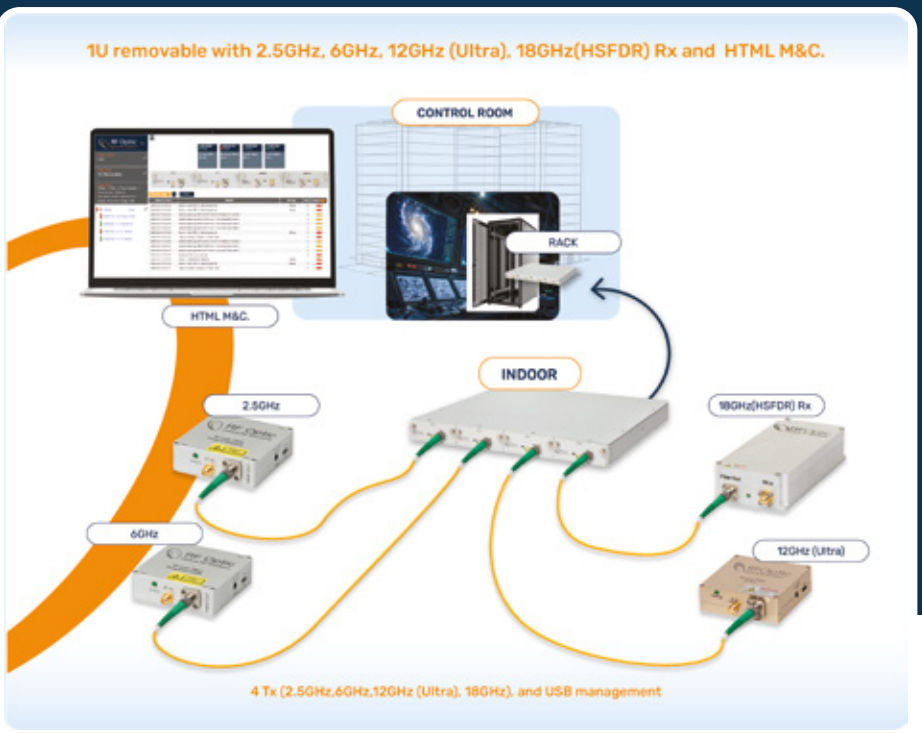
LIVE DEMO BROCHURE

RFOptic
Optical RF Solutions



RFOptic provides standard RFoF links (low and 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, and custom solutions for civil, defense, homeland security, and EW applications. We have in-depth knowledge and experience in formulating new concepts and designs.

DEMO OVERVIEW

As shown above, the live demo consists of 2.5Ghz, 6GHz, High SFDR 18GHz, and Ultra 12GHz links as well as RFOptic's remote M&C software for remote management and control. It shows a typical configuration of subsystems with a few types of RFoF links. The demo shows a typical configuration of subsystems with different RFoF links in one 1U enclosure, which makes it is easy to replace modules. The HTML-based monitoring and management (M&C) system is the same for any of the links, enabling the customer to monitor each link remotely and change parameters.

DEMO DETAILS

2.5GHz | used for GPS, broadcast, satcom, and low-frequency applications.

For the 2.5GHz datasheet, scan the QR code →

6GHz | used for 5G applications, drone/UAV, and other remote antenna applications.

For the 6GHz datasheet, scan the QR code →

HSFDR 18GHz | used for applications such as EW, radio telescope, and remote antenna.

For the HSDDR 18GHz datasheet, scan the QR code →

Ultra 12GHz | used for applications at X band and for radar, EW, and telemetry.

For the Ultra 12GHz datasheet, scan the QR code →

The demo includes 2 management systems. For each module, the USB management can be used to change and monitor the RFoF parameters. Via the HTML/SNMP/REST interface, all links can be remotely managed and controlled.

For the M&C datasheet, scan the QR code →