



## Optic Newsletter - October 2018

Welcome to our fifth newsletter of this year. It has been a busy time for RFOptic. Apart from ramping up our production due to increased demand, we also attended two industry events which gave us the opportunity to catch up with some of our distributors. We are also introducing a new line of enclosures to meet the demands of our customers. We were also able to expand our presence in Europe by closing a distributor agreement with Sematron España. Last but not least, we would also like to draw your attention to RFOptic's RFoF Programmable Family.

Enjoy your read, your RFOptic team.

## New! Introducing New Enclosures

Based on the feedback of customers and the latest demands in the market, RFOptic is launching seven new enclosures. These enclosures include two large outdoor enclosures, two removable enclosures and one generic enclosure. Below is a short overview of the main features of each new enclosure.

- For installation near the antenna where many links come in parallel, the **RFoF-Outdoor-B-8** large outdoor enclosure features Mux, a hub, N-type, QPC Qlink / MPO PS 28 to 5VDC, and up to 8 low frequency Tx/Rx units in one enclosure.
- The **RFoF-Outdoor-S-4** is a small outdoor enclosure that features Mux, a hub, N-type, QPC Qlink / MPO for up to 4 low frequency Tx/Rx units in one enclosure.
- The **RFoF-1U Generic-8** is a 19" 1U removable enclosure with 2 PS 220/110 VAC to 5VDC, a hub, 8 SMA, 8 FC/APC for up to 8 low frequency Tx/Rx units. An option for 2 hot swap power supplies is available too.
- The **RFoF-1U-Generic-4** is a 19" 1U removable enclosure with 2 PS 220/110 VAC to 5VDC, a hub, 4 SMA, 4 FC/APC, up to 4 low frequency Tx/Rx units.

- The **RFoF-1U-Removable** is a 19" 1U removable enclosure with 2 power supplies and a hub, capable of holding 4 RFoF Tx/Rx units. The Tx or Rx units can be replaced easily without the need to open the enclosure.
- The **FoF-2U-Removable** is a 19" 2U removable enclosure with 2 power supplies and a hub capable of holding 8 RFoF Tx/Rx units. The Tx and Rx units can be replaced easily without the need to open the enclosure.

For more information, [contact](#) RFOptic.

## Spotlight on RFOptic's RFoF Programmable Family



RFOptic's programmable family has been tested and validated by Tier-1 civil and military companies. They found that the RFOptic Tx works seamlessly with their existing (third party) Rx (and vice versa), and that the flexibility of RFOptic's RFoF converters up to 6GHz have guaranteed compatibility, which is important when budgets are limited.

The RFoF units are available with the following ranges 2.5GHz, 3GHz, 4GHz and 6GHz starting at 500 KHz each. Furthermore, the units feature a Noise Figure of < 5dB, friendly software, RF and optical diagnostic tools, log file for monitoring, temperature compensation algorithm, and excellent response for QPSK and QAM modulation. The TX and Rx also have 31.5dB attenuator. Last but not least, there is also an option for HTML/SNMP remote monitoring in different enclosures.

For more information, about our RFoF converters up to 6GHz, click [here](#).

## RFOptic Closed a Distributor Agreement for the Spanish Market

To reach out to and support more customers worldwide, RFOptic closed a distributor agreement with Sematron España, which is a leading provider of compression, transmission and Satellite News Gathering (SNG) products in the Iberian Peninsula. Sematron will sell, distribute and support RFOptic's range of products for the Spanish market. This agreement is another addition to RFOptic's expansion into strategic markets.



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

## RFOptic's Presence at the ECOC 2018 and EuMW 2018 Was a Great Success!



Recently RFOptic attended two important industry events in Europe, namely the ECOC 2018 in Italy and the EuMW 2018 in Spain. Both events gave RFOptic the opportunity to exchange views with follow industry leaders, meet its European distributors, and connect with current and potential customers as well as business partners.

At both events, we introduced two of our latest offerings:

- Our **26GHz for 5G cellular solution** is a sub band of RFOptic's RFoF 40Ghz product range. As with all our RFoF solutions, it features high SFDR and excellent flatness. It can be hosted as a standalone, indoor solution or outdoor solution.
- Our **SNMP/HTML interface** to monitor, manage and control our products up to 6 GHz remotely. This new ability is especially suitable for applications such as [broadcast](#), [GPS](#), [remote antenna](#), [satcom](#), or any application where a group of modules is installed

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