



## RFOptic Newsletter - October 2017

### Spotlight on RFOptic's Programmable RFoF Solutions

RF over Fiber is gaining in popularity as a great alternative for replacing coax (copper), especially in the defense, broadcasting and telecom sectors.

To learn why fiber is such a good replacement for copper, read our blog post [here](#)

Since deploying fiber technology is complicated, we have developed RFoF solutions that are customizable to enable maximum flexibility for our customers. Our programmable RFoF product family is available at 0.0005 to 2.5GHz, 3.0GHz and 6.0GHz respectively, with excellent noise figure.



To learn more, click [here](#)

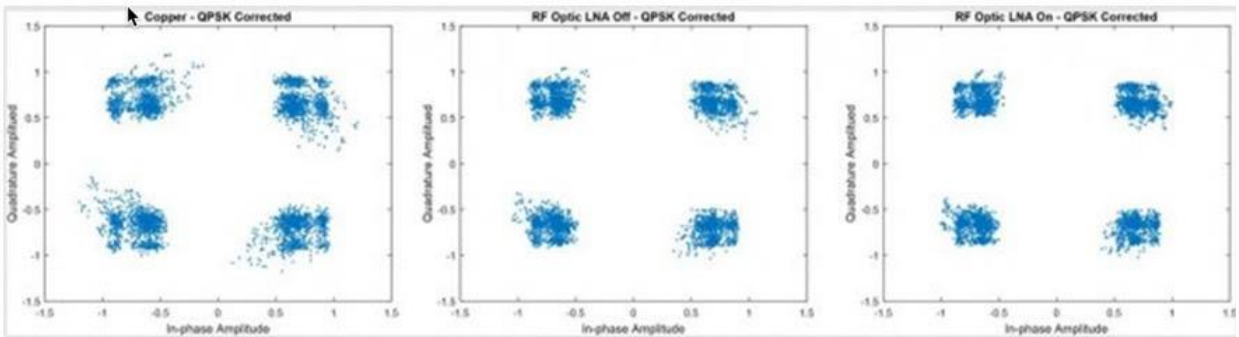
### New! Introducing RFOptic's Programmable Bidirectional RFoF Transceiver



We have launched our innovative compact bidirectional (2 way) RF over Fiber (RFoF) transceiver, which is comprised of an uplink of Tx and Rx (at 1550nm) and a downlink of Tx and Rx at 1310nm. This RFOptic transceiver employs WDM technology for using only 1 fiber link instead of 2. The bidirectional modules are designed for applications where an uplink as well as a downlink are required such as Transmit/Receive antenna interfaces. The units are especially suitable for remote antennas communication, Satcom, 4G LTE, and broadcast.

For more information, click [here](#)

## RFOptic's Programmable RFoF Solutions Were Tested Successfully by the U.S. Navy



In May 2017, we celebrated our 100th deployment of our programmable RFoF solution. Following this success, successful tests were completed by the US Naval Research Laboratory (NRL), underpinning the effectiveness of RFOptic's programmable RFoF.



The tests showed that RFOptic's technology enables cable replacement without degradation of the RF performances. In one of the tests, the RFoF link even outperformed the copper link. As shown in the image above, the RFoF clusters were more compact than the copper clusters.

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

**COMING SOON...STAY TUNED FOR OUR SPECIAL END OF THE YEAR PROMOTION!**

### Come and meet us at SATELLITE 2018

We will be attending Satellite 2018. Contact us at [usa@rfoptic.com](mailto:usa@rfoptic.com) to schedule a meeting.



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