RF Optic
Optical RF Solutions
NEWS

RFOptic Newsletter - April 2018

Welcome to our second newsletter of the year. As announced in our previous newsletter, our 40GHz RF over Fiber link for RFoF and ODL is here and one of our major customers has already ordered.

We are also sharing a short case study about our technical support expertise. Our partners are one of the main drivers for our commercial success, as illustrated by our 6-year celebration of our cooperation with SummitCSC, our US distributor.

Last but not least, we have updated our FAQ to address the many questions we got regarding Optical Delay Lines. As you can read here, some of those questions are general in nature, while others are very specific.

Enjoy your read, your RFOptic team.

New! RFOptic has launched its latest 40GHz solutions

RFOptic has launched its latest 40GHz solutions for commercial RFoF and ODL products. This allows operations over distances of up to tens of kilometers. Furthermore, we are also able to design and tailor 40GHz ODL systems with Gain, Noise Figure, Bandwidth, SFDR, RF Input power range, IIP3 and link distance to meet very specific requirements of a customer.

To further improve the system, pre and post amplifiers can be used to bring the system gain to the 0 dB range. To resolve additional system loss over long distances, Optical Amplifier (EDFA) can be used, this approach will maintain the Noise Figure performance similar to that of low optical losses and short distances.

The 40GHz solutions target telecommunications and radar applications, satellite and point-to-point antennas that can be connected from distances of many kilometers away from the control room. Similarly, Base stations can be connected through fiber to remote sector antennas.

For more information about our 40GHz RFoF, click here
For more information about our 40GHz ODL, click here

A technical support case study

As RFOptic, we ensure that our solutions meet the requirements of our customers. Sometimes, this takes creative thinking and close cooperation with the technical support team of our customer.

In one case, the deployed solution did not meet all the requirements of the customer. To solve the issue in record time, we decided to purchase special equipment locally to make the necessary measurements and identify any issues that the customer might have.

Our technical support worked closely together with the technical team of the customer to complete the measurements and conduct the calculations to find the best solution. The deployed system was reconfigured to meet the customer's requirements.

The customer was impressed with our extremely fast mitigation which is unparalleled in the market. We are able to do this, since we are a small and agile company which works with a global network of dedicated distributors.

To read more, click here

RFOptic and SummitCSC - A successful partnership

Six years ago, RFOptic and New Jersey-based SummitCSC closed a distribution agreement. Since then, SummitCSC has been selling, distributing and supporting RFOptic's range of products in North America, Canada and the Caribbean.

Thanks to the high demand for RFOptic's solutions and Summit's dedication and commitment, this distributor was able to forge long and successful relationships with North

American defense contractors, aerospace companies, research labs, radar suppliers as well as governmental and commercial corporations to sell RFOptic's high quality RF over Fiber and Optical Delay Line solutions.

For an overview of RFOptic's global presence, click here.

As part of our ongoing R&D to make our offerings even better, we will add SNMP/HTML remote management for RFoF unidirectional and bidirectional applications for e.g., tunnel applications soon, so stay tuned!

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