RFOptic Newsletter - June 2019

Welcome to our third newsletter of the year. We begin this issue explaining our position as an **RFoF links as well as an end-to-end solution provider**. Adding subsystems to our offering has been going on for some time now, but it's time to make it public. We also discuss how **RF over Fiber links can also operate from as low as 300 KHz** (low frequency cut-off for the programmable RFoF series) which makes them suitable for those customers requiring low frequency coverage. We have extended our website and added an overview page in **Japanese**, and a **bands table** on the main RFoF converters page. We wrap this newsletter up with hot news from our R&D department that is working on exciting projects (**IFL, redundant channel 1:1 & bi-directional link**). Scroll to the "coming soon" section of this newsletter to learn more.

Enjoy your read, your RFOptic team.

RFOptic - More than a RFoF Links Provider

RFOptic is known for its superior RFoF links due to their performance, flexibility, monitoring ability and more. We are now adding multi-link / multi-channel RFoF systems to our line of programmable RFoF solutions.

Adding subsystems to our product portfolio allows us to satisfy requirements that include diverse enclosures (indoor and outdoor) supporting multiple RFoF links with monitoring and management capabilities. To deliver end-to-end solutions, we are working with various integrators as well as with several optical suppliers specializing in e.g., fiber and patch panels. Some of our subsystems have been deployed by several major organizations, including a large US telecom company (RFoF enclosures with 8 RFoF links and a webserver monitoring option), a world-renowned EW integrator (indoor and outdoor subsystems with webserver V2c monitoring and control), and a leading military communications integrator (indoor and outdoor remote antenna solution using SNMP V2c monitoring and control which operate in a very remote and cold area).

For more information, contact info@rfoptic.com

High Frequency RFoF from 300 KHz

For customers who need to work at low frequencies, we offer RF over Fiber links that work from 300 KHz. These RFoF converters still support the full specified RFoF link bandwidth. Good gain flatness insures complete coverage of the entire band. Because this is a standard product feature, a customer who needs both very low frequency and high frequency can use our direct modulation product family of 300KHz to 2.5GHz/3GHz/6GHz.

Similarly, our unamplified indirect modulation products can operate well into the range of low frequencies since the RF input and output of these RFoF links is coupled directly to the Modulator and Photoreceiver. Such RFoF solutions are available all the way to up to 40GHz. When pre or post amplifiers are added, they determine the actual low frequency cutoff.

Both of these RF Optic RFoF links are suitable for integration in Optical Delay Lines.

We have made a few improvements to our website

Recently, we have made two important changes to our website.

First of all, we have added Japanese on the homepage. This link opens an overview page in Japanese. We made this addition since Japan is a key market for us. By having an overview page in Japanese, we aim to create more business opportunities. Want to check out the page? Just click here.

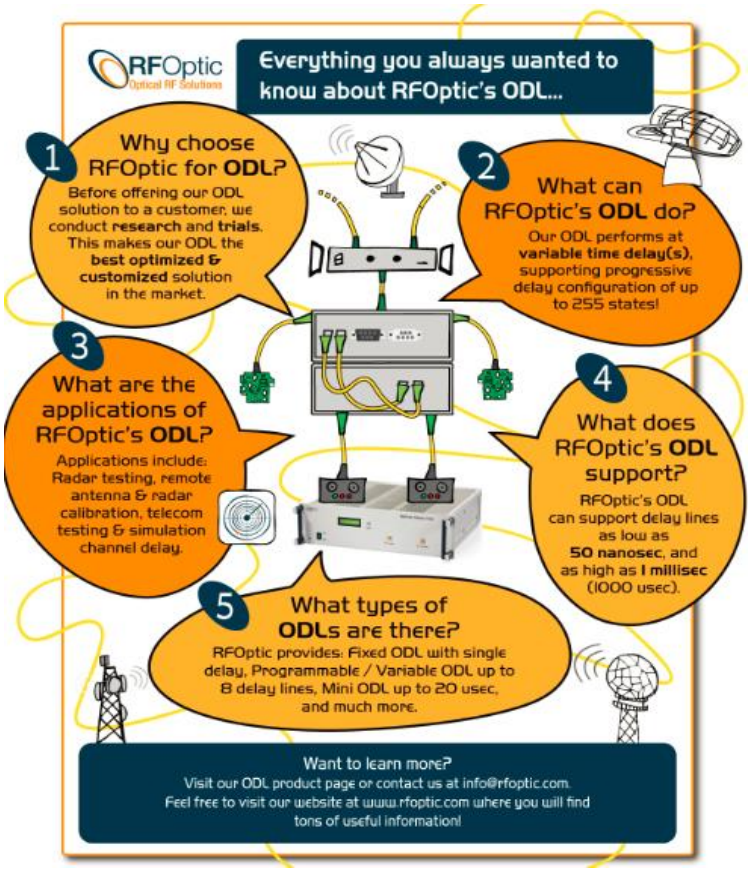
Furthermore, we have added a Band code table that elucidates the frequency ranges supported by our main RF over Fiber products. This table helps you to recognize the best product that meets your needs given the Band code that you might need to cover. For example, when a customer is looking for RFoF 40.0GHz high frequency RFoF modules, the table indicates that these can support from HF to Ka band including HF, VHF, UHF, L, S, C, X, Ku, K. To check out the full table, click here.

If you have suggestions for more improvement of our website, please do not hesitate to mail us at contact@rfoptic.com

Coming Soon

We have some hot news from our R&D department! Very soon, RFOptic will provide IFL for remote units and redundancy for all units. Our R&D team is also working hard on adding IFL (Interfacility Link), redundant channel 1:1 and bi-directional link to our removable 1/2/3 U! Stay tuned for more details!

Check out our latest infographic!



You can also view it online or in PDF format on our infographics page.

Did you like our newsletter? Feel free to share it! If you have suggestions for our upcoming newsletter, please feel free to contact us at debra@rfoptic.com

Did you know that we are on LinkedIn, Facebook and Twitter? Let's connect!