

Is There Enough Space in Space?

Technology innovation is needed to manage and reduce the congestion of thousands of satellites in space while efficiently utilizing the space infrastructure for promoting environmental and industrial sustainability. Next-generation, software-defined satellites that are more flexible, adaptable and cost efficient will help make all this possible while enabling value-added new products and revenue streams.

Analog Devices

<https://bit.ly/3TiBzOg>

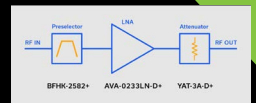


Every Block Covered: Noise and SNR in a Simple Microwave Front-End

The purpose of this short applications note is to square-up noise, noise floor, bandwidth and signal-to-noise ratio (SNR) in general, and to compute these parameters for a basic, three-component RF front-end.

Mini-Circuits

<https://blog.minicircuits.com/noise-and-signal-to-noise-ratio-snr-in-a-simple-microwave-front-end/>



Panasonic's Online Simulator

Panasonic's online simulator can calculate impedance matching, wavelength and transmission loss for each frequency band in electrical lines like MSL and stripline.

Panasonic

<https://util01.industrial.panasonic.com/ww/utilities/em/msl-sim/>

Fully Automatic Production System

Check out a video demonstration of RF-Lambda's fully automatic production system.

RF-Lambda

<https://bit.ly/3QTQE7e>



Online impedance simulator



This simulator intends to assist you in designing with Panasonic Materials. Approximate value of IMPEDANCE, WAVELENGTH and TRANSMISSION LOSS for your PCB can be simulated.

Meet Harrison Osbourn – Signal Hound's New Owner and CEO

Learn more about Signal Hound's new owner and CEO, Harrison Osbourn, by reading the recent interview conducted by The Portland Business Journal. Full article linked below.

Signal Hound

<https://signalhound.com/news/harrison-osbourn-interview/>



Waterproof (IP68 Rated) RF Cable Assemblies



SV Microwave offers a wide range of IP67 and IP68 waterproof cable assemblies designed to withstand rigorous environments and harsh elements. SV's line of waterproof cable assemblies include o-ring sealed connectors to 1 x 10⁻⁸ cc/sec, making them ideal for high pressure, harsh environment applications and for the prevention of dust, liquid or gas leakage.

SV Microwave

<https://bit.ly/3AipPDN>