

Successful space mission

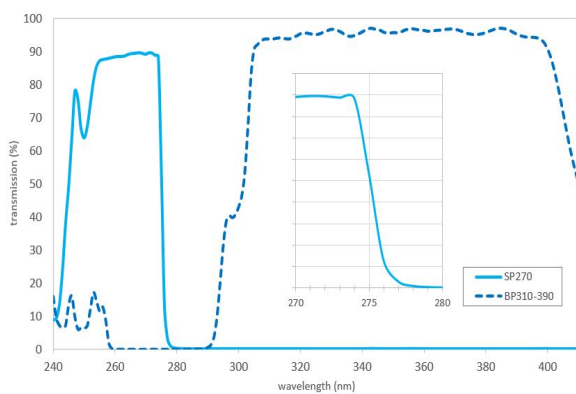
Set of 13 Optics Balzers band pass filters launched into space

On February 18th Geo-Kompsat 2B satellite was successfully launched with an Ariane 5 from Kourou. One of the instruments on board is GOCI-II (Geostationary Ocean Color Imager-II) which is dedicated to monitor the ocean colour around the Korean peninsula. For this purpose, the instrument developed and manufactured by Airbus DS in Toulouse, is equipped with a filter wheel with 13 dedicated band pass filters. Optics Balzers was awarded for manufacturing of filters in 2014 and qualified flight hardware was delivered in 2016. The narrow band pass filters were manufactured by means of PARMS (Plasma Enhanced Magnetron Sputtering) technology on fused silica substrates.



Picture of GOCI-II filter wheel (Photo by Airbus DS)

> [Narrow bandpass filters](#)



UV filter for medical diagnostics and analysis

Successful diagnostics of antibodies: Optics Balzers has further developed optical dielectric filters in the UV spectrum

Short-wave light, ranging from 100 to 400nm in the UV spectrum, has the ability to fight pathogens. In medical fields this property is commonly used to combat germs, bacteria and viruses...

> [Press Release EN](#)
> [Press Release DE](#)

New Datasheet: Dichroic Laser Beam Combiners

Low absorption filters for laser beam combining

High efficiency by combining of laser source is a key feature of the dichroic laser beam combiners made by Optics Balzers. They are produced by hard sputtering coating technology. Therefore, lowest absorption values can be offered. The dichroic laser beam combiners are made for an angle of 45° of incidence. Dimensions and wavelengths can be customized. Steep edges between transmission and reflection band can be guaranteed.

> [Datasheet](#)



Our next Events...

Analytica, Munich NEW DATE 19-22 October 2020



Welcome at Analytica in Munich, the leading international trade fair for laboratory technology, analytics, biotechnology and analytica conference. Discover unique solutions and diverse applications with optical components at our booth no. 226 in hall A2.

We look forward to welcoming you as our guest.

> [More information](#)

OPTATEC, Frankfurt NEW DATE 17-19 November 2020



Welcome to [Optatec](#) in Frankfurt. The Optatec international trade fair for optical technologies, components and systems is the industry event for an enormous future market.

Come to our booth to discover the unique solutions and the wide variety of applications that optical components allow. We look forward to welcoming you as our guest.

> [More information](#)