



Global POWERPLAY in OPTICAL COATINGS and SOLUTIONS



Upcoming Events

VISION, Stuttgart, October 04 - 06

We have the pleasure of welcoming you to our Materion Balzers Optics booth #10G37 at the VISION 2022 trade fair in Stuttgart. 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.

[Learn more](#)



Optatec, Frankfurt, October 18 - 20

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.

[Learn more](#)



Presentations from our experts at the Optatec convention

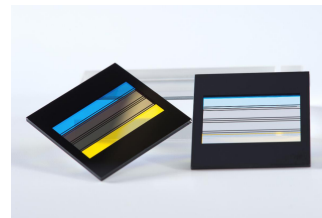
- "CupLids - Fine Leak Hermetic Packages for Optoelectronic" by Reto Keller, Business Development Manager 18. October 2022 from 14:20 to 15:00 Clock
- "PARMS: producing optical filters for the most challenging applications" by Diana Burkhardt, Product Manager 19. October 2022 from 10:20 to 11:00 Clock

[More Events](#)

Product News

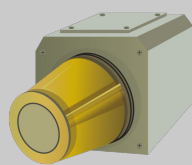
TiBlack™ – Black Coating Technology for preventing of unwanted back reflection

Materion Balzers Optics offers an optically dense - so called "black" coating - based on titanium. This coating is based on the principle of absorption, and since it is not transparent, back reflections into the optical system are prevented.



[Download Datasheet](#)

New Vacuum Soldering Cell



Materion Balzers Optics has manufactured metallized optical windows for several decades. These windows can be coated with antireflective or filter coatings, and include a metallized frame along the perimeter of one face to enable solder assembly onto a metal or ceramic seal ring. The Workcell includes a vacuum soldering oven to enable low-void soldering, an x-ray inspection station (pictured) to inspect the solder joint for voids, and a helium leak detector. [Read more...](#)

WDM Filter for 5G

Our wavelength-division multiplexing (WDM) filters are increasing overall transmission as well as minimizing the temperature shift. They are designed to be used for optical multiplexer modules utilized in modern telecommunication equipment.



[Download Datasheet](#)

[More products](#)

