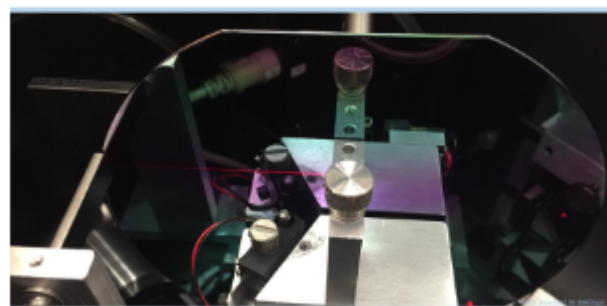


PHOTONICS spectra

WHITE PAPERS & APPLICATION NOTES



Intlvac Thin Film

WHITE PAPER

Fabricating Low Loss GeO_2 Thin Films for Planar Waveguides using Intlvac's Nanochrome™ IV PARMS System

Yorgio Mathoudakis
6-25-2020

Fabricating Low Loss GeO_2 Thin Films for Planar Waveguides using Intlvac's Nanochrome IV PARMS System

High quality GeO_2 thin films that exhibit low loss and low surface roughness were produced by Intlvac's Nanochrome IV PARMS system, proving that ion assisted AC dual sputtering is an effective fabrication technique. This is highly applicable to planar waveguides such as Photonic Integrated Circuits (PICs). PICs look to solidify themselves as the new foundation of next gen electronics and the time to push for innovation and investment in this technology is now.

[DOWNLOAD WHITE PAPER](#)



Visit [Photonics Media](#) to download other white papers and learn more about the latest developments in lasers, imaging, optics, biophotonics, machine vision, spectroscopy, microscopy, photovoltaics and more.

www.photonics.com/WhitePapers.aspx

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949

© 1996 - 2020 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office. Reproduction in whole or in part without permission is prohibited.