

NEWS **Release**



ABRISA Technologies -

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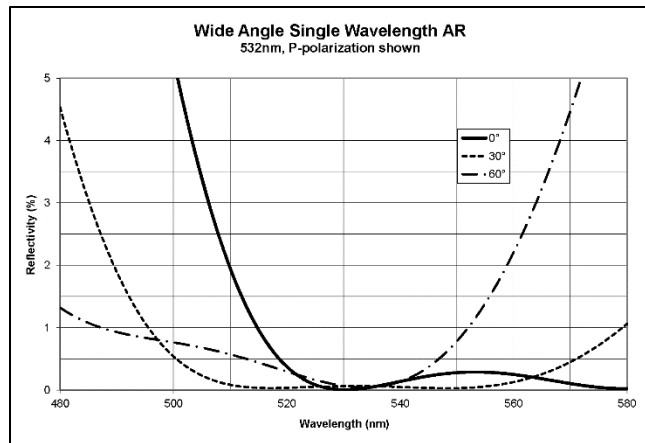
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0-60 Degree Polarization Optimized Anti-reflection (AR) Coatings for P-plane & S-plane Polarization

Abrisa Technologies now offers very wide angle anti-reflection (AR) coatings for p-plane or s-plane polarization.

These coatings support high throughput efficiency for broad angle polarization sensitive applications such as:

- Switchable Bragg gratings
- Spatial light modulation (SLM)
- Laser scanning applications
- Near-to-eye display components
- Telecommunications
- Other low-loss wide-angle applications



Durable hard dielectric anti-reflective (AR) layer construction enables use of these coatings in “tough” outdoor and harsh industrial environments. Oleophobic and hydrophobic coating options are available for enhanced easy-to-clean performance.

According to Lisa Tsufura, Product Manager for Precision Coatings, “These wide angle AR coatings can be tailored to a host of popular laser wavelengths including 405nm, 460nm, 532nm, 633nm, 650nm, 904nm, 1064nm and 1550nm to help minimize reflection losses to values on the order of 0.10 to 0.75% over large 0-60 degree angle range for maximum throughput efficiency and signal collection”

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Abrisa Technologies is a recognized global supplier of high quality, fabricated glass components, optical thin film coatings, and custom glass solutions for a wide variety of industries. From our US based Abrisa Industrial Glass fabrication facility in Santa Paula, CA and our ZC&R Coatings for Optics division in Torrance, CA we serve diverse industries such as microelectronics and displays, semiconductor, military, automotive, aerospace, medical, biomedical and scientific R&D. We provide custom specialty flat glass and coating products for applications such as: flat panel display, touch and gesture recognition; visible to IR imaging and surveillance; entertainment, indoor and outdoor lighting; advanced instrumentation; and photonics.