

NEAR INFRA RED



Optiguard™ NIR AR

PG Data Sheet 39

HELPING TO DEVELOP TOMORROW'S TECHNOLOGIES TODAY

Overview

Optiguard™ NIR AR is a high specification multi-layer anti-reflection coating that has been developed to service the growing requirement for optical lenses that utilise Near Infra-Red coating technology. Existing and emerging vision system technologies demand consistent and accurate performance from all components to deliver accurate results - a criteria that is critical in many real world scenarios.



Features & Uses

Key Features

Optiguard™ NIR AR features the following technology to ensure accurate and consistent performance.

- ✓ Optimised for ultimate performance at 850nm
- ✓ Industry leading Anti-Reflection
- ✓ AFP (Anti-Fingerprint) Anti-Smudge/Easy-Clean

Application

Optiguard™ NIR AR can be applied to PMMA (Acrylic) and PC (Polycarbonate) substrates.

Typically Industries

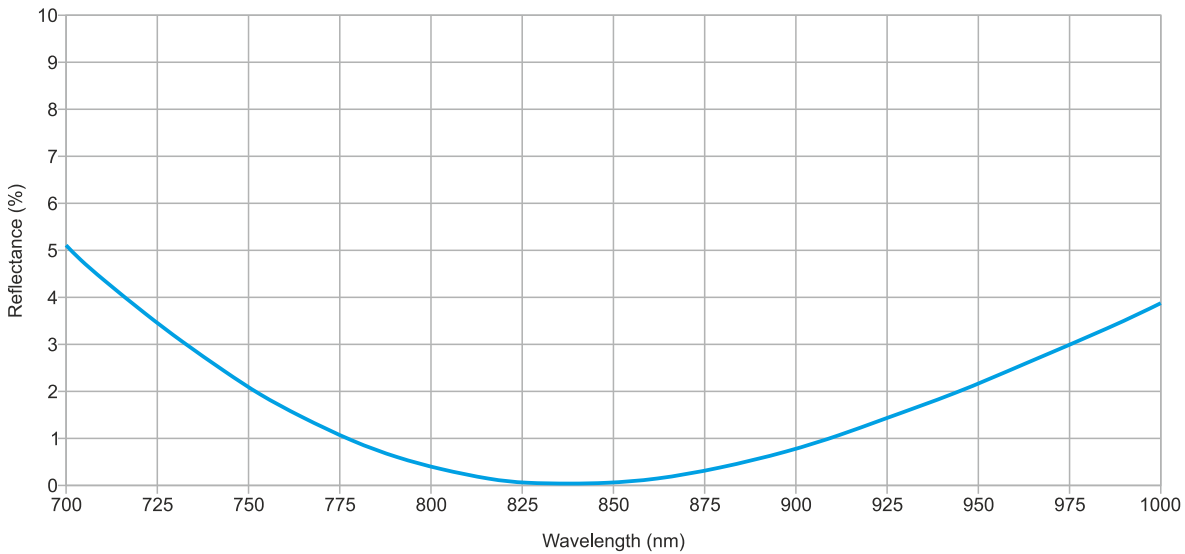
- ✓ Medical Imaging & Diagnostics
- ✓ Industrial Machine Vision
- ✓ Automotive (ADAS & In-Cabin Monitoring)
- ✓ Consumer Electronics
- ✓ Agriculture & Remote Sensing
- ✓ Spectroscopy & Chemical Analysis
- ✓ Security & Surveillance
- ✓ Defence & Aerospace
- ✓ Biometrics
- ✓ Scientific Instrumentation

Get in touch with us today to learn more and submit your enquiry.

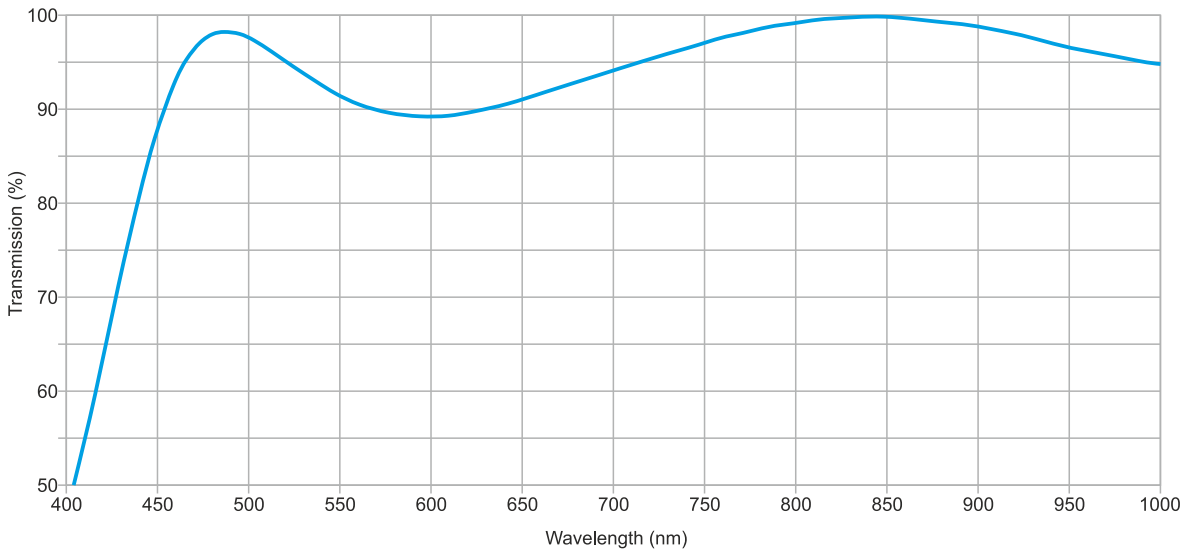
Optical Performance

Optiguard™ NIR AR has been optimised for ultimate performance at 850nm - the most common required specification across most industries and applications.

Reflectance



Transmission



Layer Stack Diagram

