

Zero Phase Shift Total Reflector (NTR) Coating for NIR, 1.03μm, 1.064μm, 1.07μm

COATING DATA SHEET

Application

Zero Phase Shift Total Reflector (NTR) coating for silicon or copper substrates.

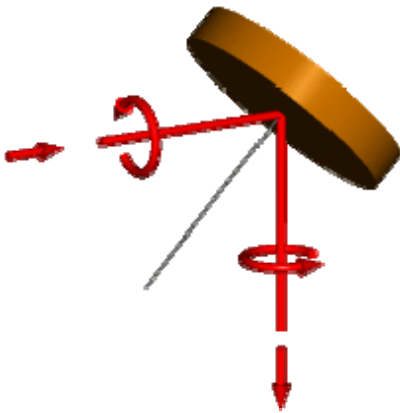
Designed as a high reflective zero phase shift coating to be used as a beam bender before or after a 90° phase retarder to reduce phase shift changes in beam delivery systems.

Spectral Performance

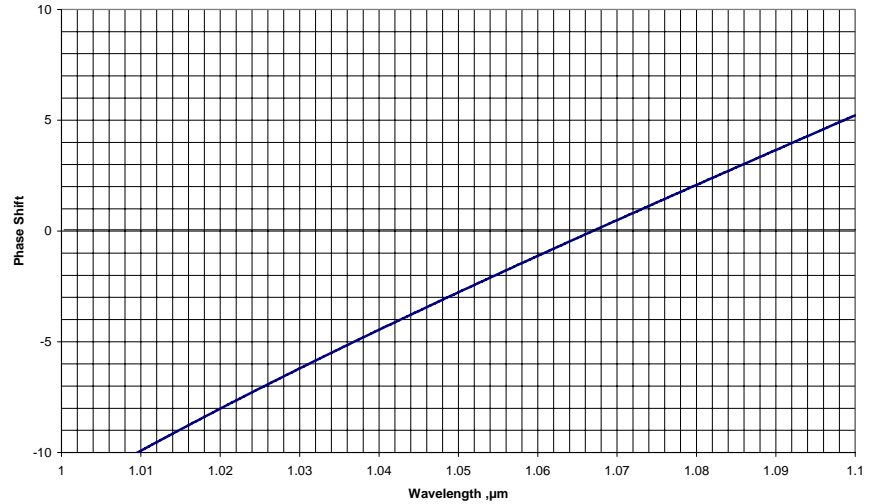
R >= 99.5% at 1.064μm, 45° AOI
R >= 80.0% at 0.6328μm, 45° AOI

Phase Shift 0° ± 4.0°

This coating can be designed for other NIR wavelengths and angles.



NTR for 1.064μm
Phase Shift vs. Wavelength



NTR for 1.064μm
Phase Shift Vs. AOI

