

 $HR(0-10^{\circ},1040nm) > 99.9\% GDD-R(0-10^{\circ},1040nm) \sim -550(\pm 50)fs^{2}$ 

fig. 1 reflection HR-region (unpolarized)

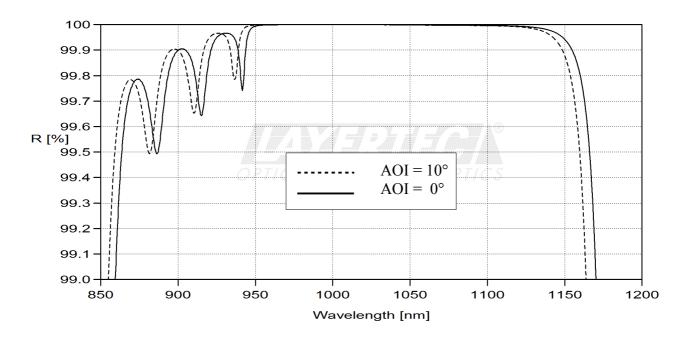


fig. 2 calculated GDD( $R,0^{\circ}$ ) with typically shift  $\pm 5$ nm of ZWL due to the production tolerance

