

Dichroic Filter

With special designed multi layer dielectric coating, the mirror reflect some wavelength and transmission other wavelength at the same time. It can be used to splitter or combine different wavelength. It can be also used in SHG laser system as Harmonic Separators.

Specifications:

Substrate Material: BK7 or Fused silica

Dimension: Dia.25.4 (+0/-0.2) x 6.35 (+/-0.2) mm

Flatness: L/4 commonly, L/10 for laser application

Surface quality: 20-10 (lasers), 60-40 commonly

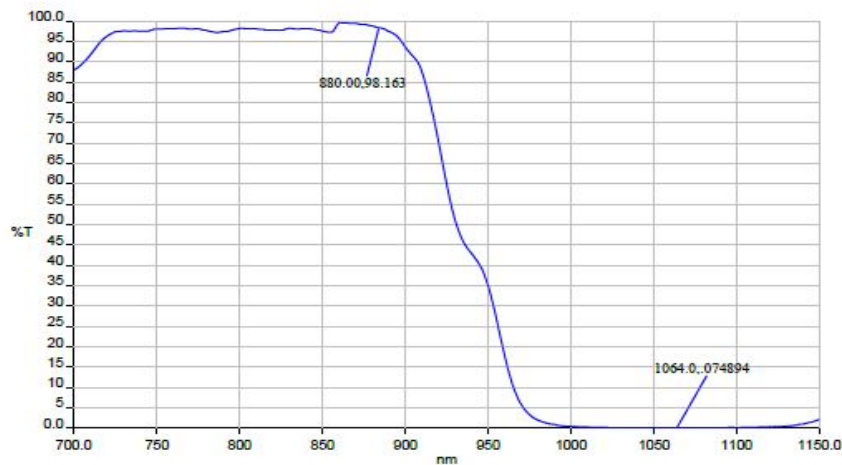
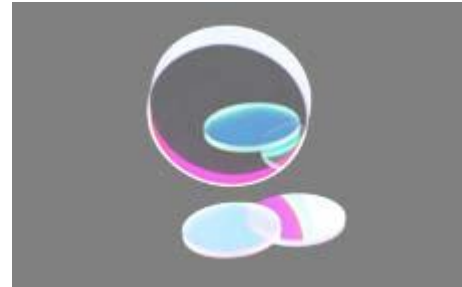
Parallelism: < 1 arc minute

Clear aperture: >85%

Protective chamfer

Front side dichroic coated

Back side AR coated for transmission wavelength



HR@1064nm & HT@880nm



HR@635nm & HT@1064nm