

Optics

Beam splitters and flat mirrors ($R > 98\%$)

Material: MgF_2 , BK7 and FQ in different reflectivities and dimensions

Coating: 193, 248, 308, 355, 532nm, broadband, dichroic, etc...

angle: 0, 10, 45°



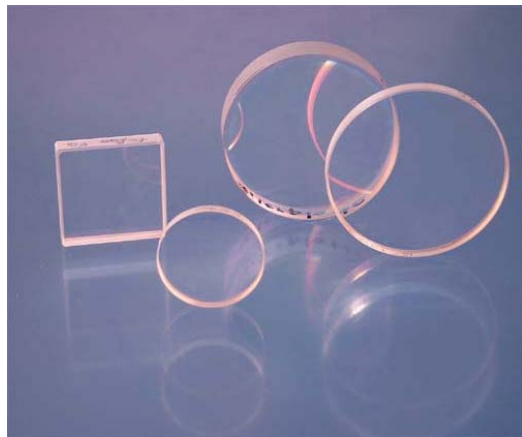
Excimerlaser-mirrors

(0° and 45°) and -windows:

Material: MgF_2 or CaF_2

Diameter, thickness : 36mm or 38mm (1,5"), d = 5mm

Mirrorcoating: Al or dielectric @ 193, 248, 308 nm



Cylindrical lenses

Material: BK7, FQ, MgF_2 , CaF_2 in different

Dimensions and focal length

Coating: VIS, UV, IR

Spherical Lenses

Material: FQ with different focal length

Diameter: 10, 14, 25, 40mm

AR-Coating: VIS, UV

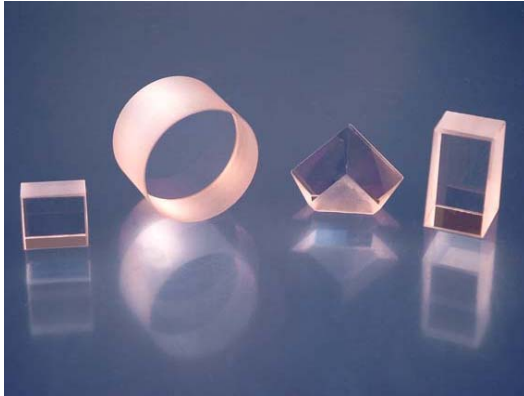
Fabry-Perot Etalons

Diameter: 25, 35mm

F.S.R: 1.5, 0.66, 0.42, 0.25 cm^{-1}

Spectral range: 360-460, 460-620, 600-800nm

Finesse: 12...15



Prisms (normal, Pelin Broca, Fresnel-Rhomb)

Material: FQ, CaF₂ in different dimensions
AR-Coating: VIS, UV

Pump optics for all existing dye lasers

Pump optic-set: 308 nm, 355 nm or 532 nm

for Radiant Dyes, LAS, Lambda Physik dye lasers consisting of foldingmirrors and beamsplitters (27 x 50 x 2 mm³ / 1"-optics optional)

Other products on request!

Pump optic-set for Cu-steamlaser

Pump optic-set for OPO-operation

Holographic gratings with 1.800, 2.400, 3000 l/mm

Other groove densities on request.

Telescope for Nd:YAG laser