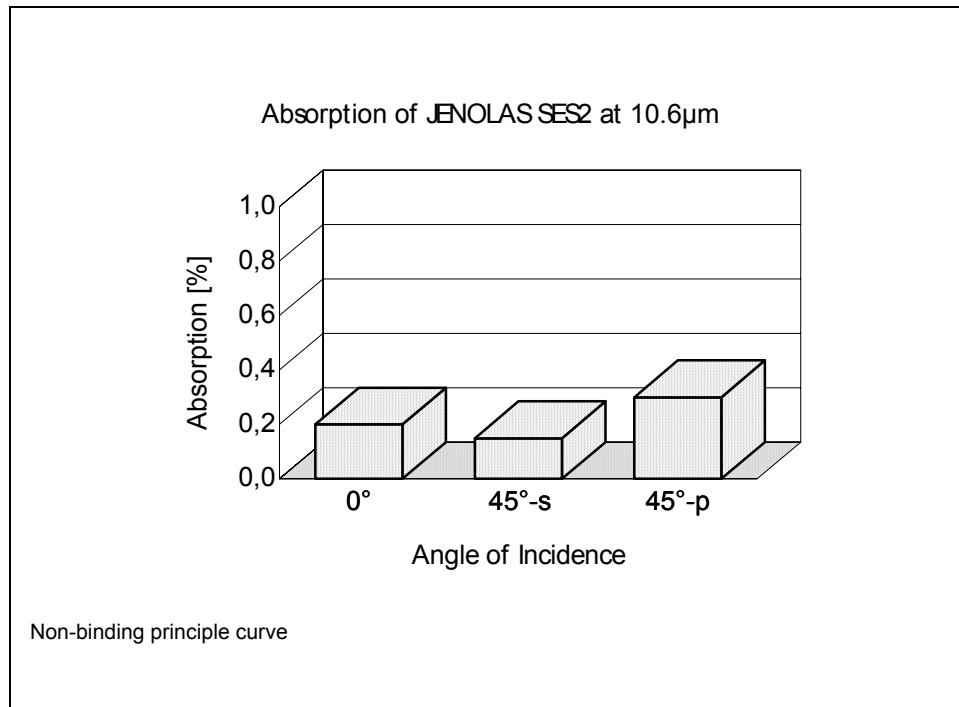


JENOLAS- SES2

Zero-Shift CO₂- Laser Mirror



Super Enhanced Silver Mirror for CO₂- Lasers

Optical properties at 10.6 μm

$R_l \geq 99.80\%$

$R_s \geq 99.85\%$ (45° incidence)

$R_n \geq 99.70\%$ (45° incidence)

Phase shift at 45° incidence between the s- and the p- component of reflection : $(0 \pm 2)^\circ$

Applications:

Zero- shift laser mirror for high power CO₂- cw- lasers with power densities up to 2kW/cm² and angles of incidence up to 45 degrees.

Durability:

Adhesion: MII- M- 13508, section 4.4.6

Humidity: MII- M- 13508, section 4.4.7

Abrasion resistance: MII- M- 13508, section 4.4.5

Temperature change: MII- M- 13508, section 4.4.4

Substrate material:

Silicon

Other materials are possible on enquiry.

Special features:

This coating is absolutely free of any radioactive material.

For applications in pulsed CO₂- lasers please consult our specialists.

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Ordering code:

JENOLAS- SES2