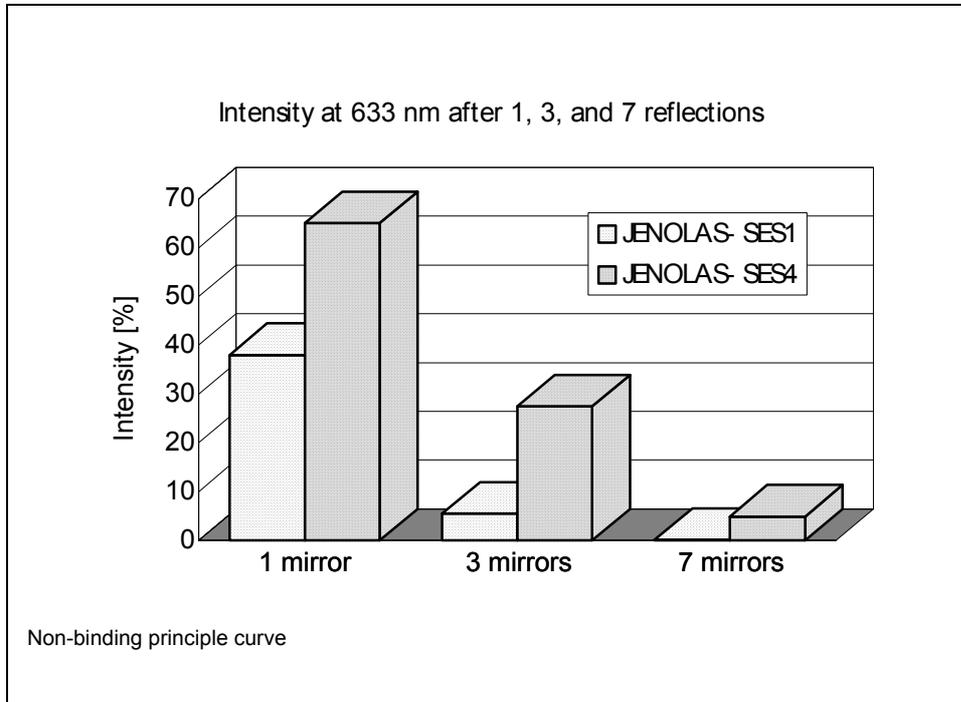


# JENOLAS- SES4

## CO<sub>2</sub>- Laser Mirror with Enhanced Reflection in the VIS



### Super Enhanced Silver Mirror for CO<sub>2</sub>- Lasers

#### Optical properties:

at 10.6 μm	at 633nm
$R_{\perp} \geq 99.80\%$	$R_{\parallel} \geq 65\%$
$R_{\zeta} \geq 99.85\%$ (45° incidence)	
$R_{\eta} \geq 99.70\%$ (45° incidence)	

#### Applications:

Laser mirror for high power CO<sub>2</sub>- cw- lasers with power densities up to 2kW/cm<sup>2</sup> and angles of incidence up to 60 degrees with enhanced reflection in the VIS.

#### Durability:

Adhesion:	MIL- M- 13508, section 4.4.6
Abrasion resistance:	MIL- M- 13508, section 4.4.5
Temperature change:	MIL- 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 materials.

For applications in pulsed CO<sub>2</sub>- lasers please consult our specialists.

#### Issue:

August 96

#### Doc-No.:

lasses4-99-14-0896-en

#### Ordering code:

JENOLAS- SES4