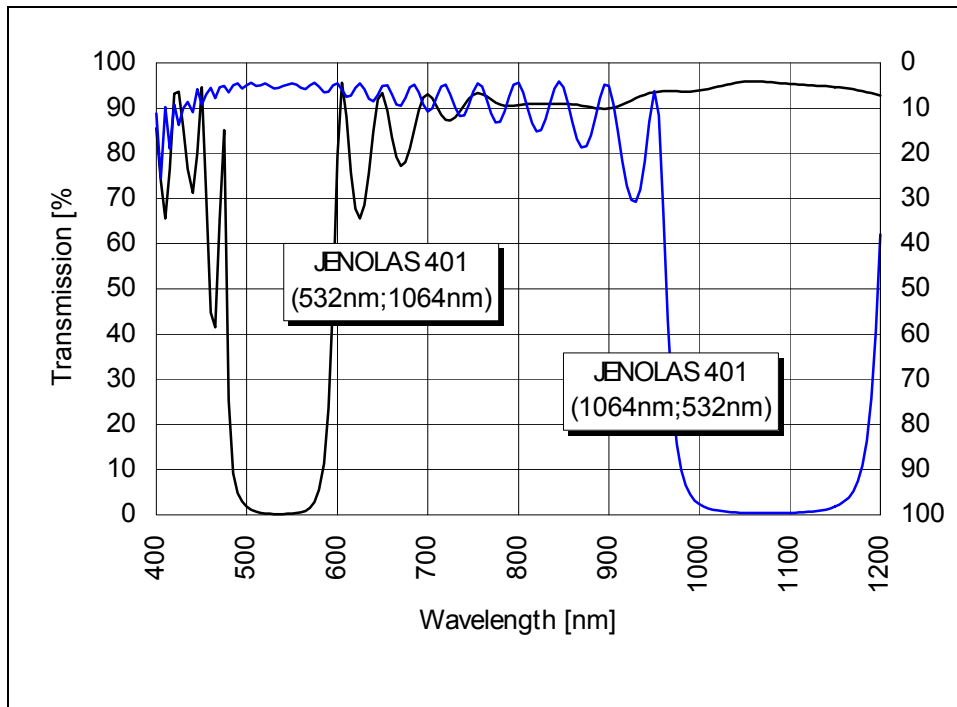


# JENOLAS 401

## Dichroic Laser Beam Splitter



### Dielectric Mirror for VIS/NIR-Laser

#### Optical properties:

| Code        | Transmission     | Reflection       |
|-------------|------------------|------------------|
| (1064/532)  | T >95% at 532nm  | R >99% at 1064nm |
| (532/1064)  | T >95% at 1064nm | R >99% at 532nm  |
| (1320/1064) | T >90% at 1064nm | R >99% at 1320nm |

for incidence angle  $i < 10^\circ$ .  
Other wavelength combinations on request.

#### Applications:

Dichroic coating for laser application  
Standard wavelengths: 532 nm, 1064 nm, 1320 nm  
Angle of incidence:  $< 10^\circ$   
(Other angles are available)

#### Durability:

|                      |                                |
|----------------------|--------------------------------|
| Adhesion:            | MIL-C-48497A / section 4.5.3.1 |
| Humidity:            | MIL-C-48497A / section 4.5.3.2 |
| Abrasion resistance: | MIL-C-48497A / section 4.5.3.3 |
| Temperature change:  | MIL-C-48497A / section 4.5.4.1 |
| Solvent resistance:  | MIL-C-48497A / section 4.5.4.2 |

#### Substrate material:

BK7 and quartz glass substrates

#### Special features:

This is a low-loss and extremely hard coating.  
Please contact us if you need defined transmission or reflection at any additional wavelength.

#### Issue:

August 96

#### Doc-No.:

las401-99-14-0896-en

#### Ordering code:

JENOLAS 401 ( $\lambda$  HR;  $\lambda$  HT)