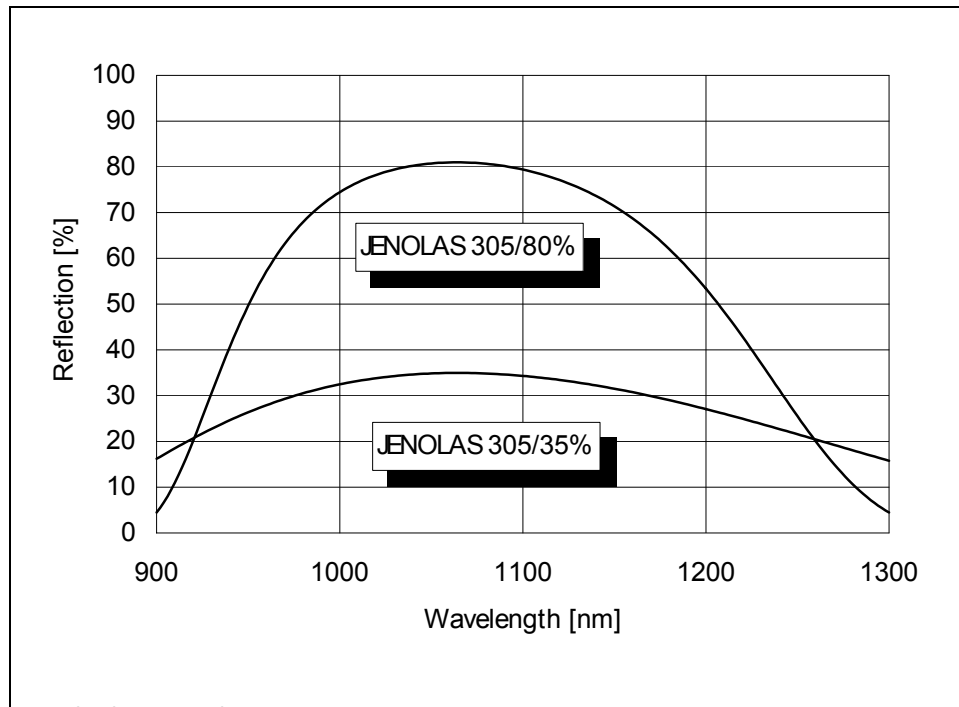


JENOLAS 305

Dielectric PR-Mirror for 1064 nm



Laser Mirror
for VIS/NIR-Laser

Optical properties:

(at the design wavelength)

Reflectivity: 20 % < R < 99,7% (as specified)

Applications:

Multilayer partial reflective coatings
for laser application.

Standard wavelength is 1064 nm.

Angle of incidence: 0°

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

Substrate material:

BK7 and quartz glass substrates

Special features:

This is a low-loss and extremely hard multilayer coating.

Laser damage threshold: $\geq 1 \text{ GW/cm}^2$ at 20 ns

Please contact us if you need defined transmission or reflection at any additional wavelength.

Issue:

June 96

Doc-No.:

las305-99-14-0696-en

Ordering code:

JENOLAS 305 (Reflection in %)