



DEPOLARIZER

This Depolarizer consists of two crystalline quartz wedges, one twice the thickness of the other. They are affixed together so the crystal axes are at 45°. This makes an optical element that is highly effective at converting any incident plane polarization to a mixture of polarizations. The depolarizer is neither wavelength sensitive nor does it deflect light, but it does demonstrate a fast axis.

APPLICATIONS

- ▶ Useful for depolarizing UV-VIS radiation.

FEATURES

- ▶ Highly efficient, regardless of incident polarization.
- ▶ High transmittance (approx. 91%).
- ▶ Spectral range: 300nm to 2700nm.
- ▶ Fabricated from crystalline quartz.
- ▶ 22 mm diameter clear aperture.
- ▶ Length in the beam direction: 10mm.
- ▶ Slide plate mounted.
- ▶ Requires a beam at least 6 mm in diameter for optimum performance.



ORDERING INFORMATION

Depolarizer

DPS-R4V