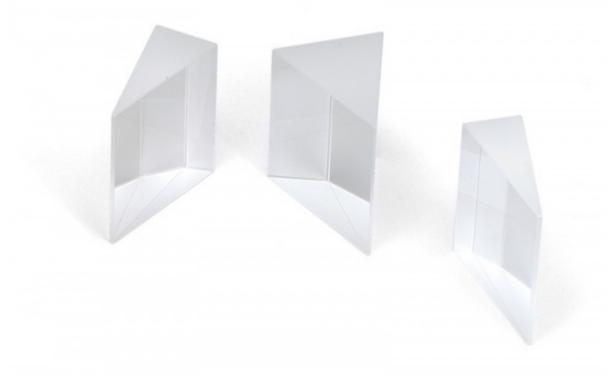


HELAGO-CZ, s.r.o. Commercial Register maintained by the Regional Court in Hradec Králové Section C, File 17879 Kladská 1082 500 03 Hradec Králové 3

Company ID: 25 96 39 61, VAT: CZ 25963961 Phone: 495 220 229, 495 220 394

Fax: 495 220 154 GSM gate: 602 123 096 E-mail: info@helago-cz.cz Web: http://www.helago-cz.cz Set of 3 Prisms Order code: **5401.1002863**



Information about product price on demand

Parameters

Quantitative unit ks

• Detailed description

Set of prisms for demonstrating the design of an achromatic prism and a direct vision prism. Consists of a thin flint glass prism, as well as thin and thick crown glass equilateral prisms.

The two thin prisms deflect a light beam equally strongly but with different dispersion. Moving them closer together in the light path results in a direct vision prism which decomposes light into its spectral components without deflecting it. The thick crown glass prism has the same dispersion as the flint glass prism, but deflects the light beam twice distance. This permits configuration of an achromatic prism which deflects light without splitting it into a spectrum.

Material: flint glass
Refractive index: 1,608
Average dispersion: 0,017

Base: 15 mmSide length: 40 mmHeight: 40 mm

Material: crown glassRefractive index: 1,515

• Average dispersion: 0,008

Base: 30 mmSide length: 40 mmHeight: 40 mm

Material: crown glass
Refractive index: 1,515
Average dispersion: 0,008

Base: 18 mmSide length: 40 mmHeight: 40 mm

Do you want to print the page now? Hide some parts of page before printing



Print partially

Print the page as you see it now



Print complete page

(this box will not be printed)

Edit before printing

Hover your mouse over some part of page, a red rectangle will appear. Click it to hide the selected content of page.



Drintl



Show hidden