## A helago

HELAGO-CZ, s.r.o.
Commercial Register maintained by the Regional Court in Hradec Králové
Section C, File 17879
Kladská 1082
50003 Hradec Králové 3
Company ID: 259639 61, VAT: CZ 25963961
Set of 3 Prisms
Phone: 495220 229, 495220394 Order code: 5401.1002863
Fax: 495220154
GSM gate: 602123096
E-mail: info@helago-cz.cz
Web: http://www.helago-cz.cz

Information about product price on demand

Parameters
Quantitative unit
ks

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 mm
- Side length: 40 mm
- Height: 40 mm
- Material: crown glass
- Refractive index: 1,515
- Average dispersion: 0,008
- Base: 30 mm
- Side length: 40 mm
- Height: 40 mm
- Material: crown glass
- Refractive index: 1,515
- Average dispersion: 0,008
- Base: 18 mm
- Side length: 40 mm
- Height: 40 mm

