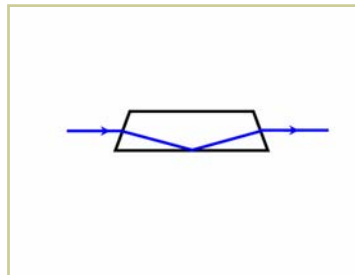


Dove Prisms

Dove prisms have two main uses - as image inverters and as delay lines.

In an image forming system, the image is inverted by the prism. Furthermore, if the prism is rotated about the optical axis, the image rotates at twice the rate of rotation. In an optical transmission system the longer optical path through the prism can introduce a known delay.



Dove prisms are normally supplied uncoated but entrance and exit faces can be anti-reflection coated. We can accommodate any special coating requirement on request.

Two different materials are offered:

UVFS ($n_d=1.458$)

BK7 ($n_d= 1.517$)



We can supply dove prisms in the following standard sizes (mm):

Face	Length
6.0	25.0
8.0	33.6
10.0	42.0
12.7	53.3
25.4	106.7

Other sizes will be considered on special request.

Typical Specifications	
Material:	UVFS, BK7
Surface flatness:	$\lambda/4$ @ 633 nm
Surface quality:	20/10
Angular deviation:	< 2 arcmin
Dimensions:	+0.0 / -0.2 mm
Clear aperture:	> 85% of face

To request a quote or to order, please specify:

Quantity — Material — Face Size — Coating (if required)

Optarius

PO Box 2271
Malmesbury SN16 9FA
United Kingdom

Optical Components

Phone: +44 1666 575185
Fax: +44 1666 577424
Email: optarius@optarius.com
Web: www.optarius.com

For a quotation — please phone, fax or email us with details of your requirements.