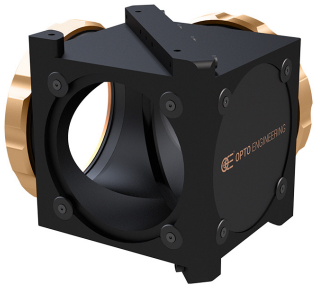
CMBS064 | DATASHEET

OPTO ENGINEERING

45° beam splitter with mount for 100.0 mm claming diameter optics



KEY ADVANTAGES

Ready to use and easy to setup.

Ideal to create coaxial illumination solutions.

50% transmission and 50% reflection.

Easy and secure clamping system.

Compatible with telecentric lenses and illuminators.

REACH DOSSIER

CMBS series is a collection of 50/50 plate beam splitter modules designed to create highly efficient coaxial illumination solutions with Opto Engineering® telecentric lenses and collimated illuminators.

SPECIFICATIONS

Optical specifications

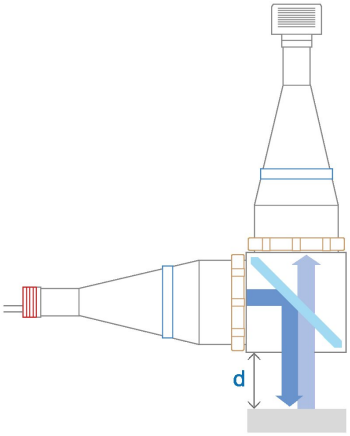
Front coating		Beam splitter 50/50 @ 45°, bandwidth 430-670 nm
Back coating		Normal reflectance <0.5%, bandwidth 430-670 nm
Clear aperture	(mm)	88
Deviation angle	(°)	90
Working distance difference[1]	(mm)	118.2

Mechanical specifications

Clamping size	(mm)	100.0
Clamping system		lockring
Length	(mm)	141.2
Width	(mm)	128.0
Height	(mm)	141.2
Mass	(g)	1956

[1] Value to be subctrated from the objective or illuminator working distance when the CMBS is used

CMBS SETUP



COMPATIBLE PRODUCTS

Full list of compatible products available *here*.



A wide selection of innovative machine vision components.

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only. Data are reported by design, actual lens performance may vary due to manufacturing tolerances.