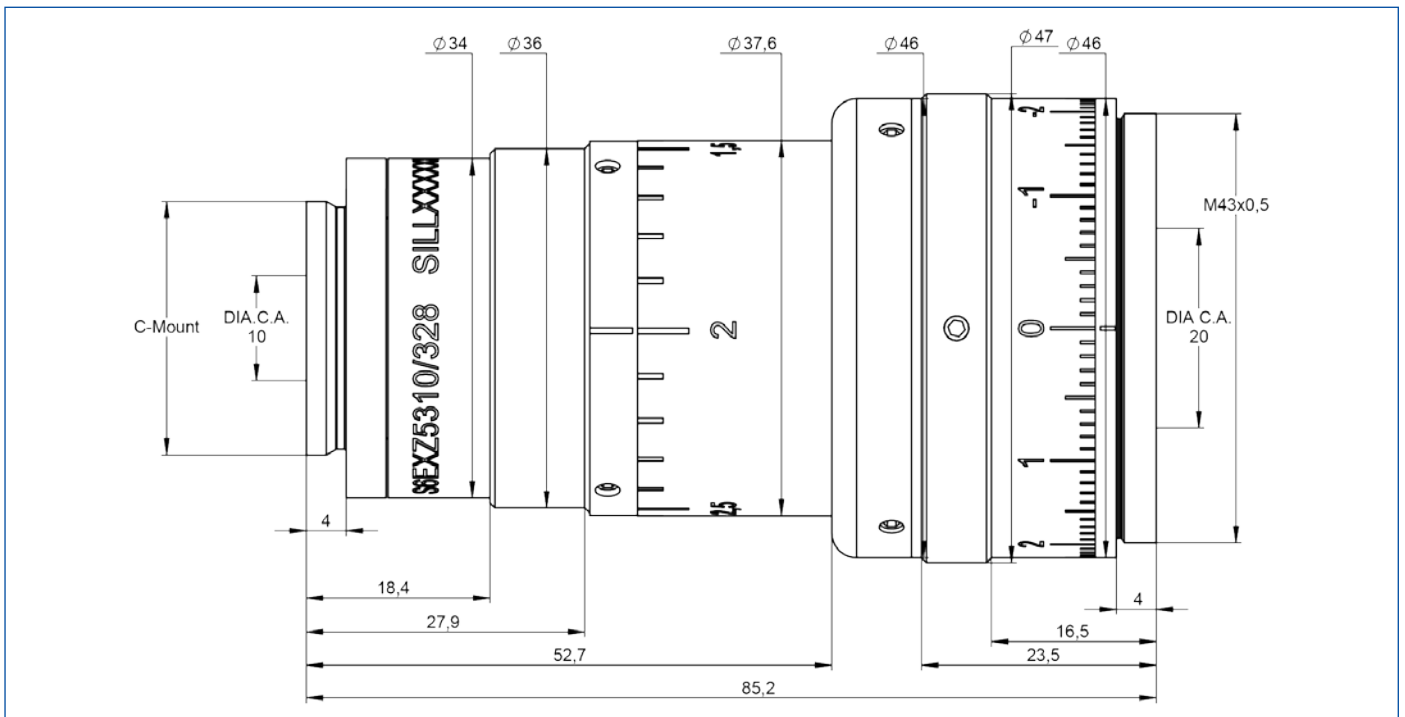


DATA SHEET



S6EXZ5310/328 Beamexpander

- magnification 1.0 - 3.0
- for 1030 nm - 1090 nm
- fused silica
- low absorption coating



DATA SHEET



specifications	
article number	S6EXZ5310/328
design wavelength [nm]	1064
magnification factor	1.0 - 3.0 continuous
divergence adjustable ¹⁾	✓
optical principle	Galilei (no internal focus)
mounting thread	C-mount
pointing stability [mrad]	< 1
clear input aperture [mm]	10.0
clear output aperture [mm]	20.0
total number of lenses	4
total transmission [%]	97
lens material	fused silica
LIDT (coating) [J/cm ²]	5.0 (1ns pulse at 50Hz)
weight [kg]	0.3
accessory	S6MEC2530 - adapter C-mount to M30x1

notes
1) Divergence is independent from magnification factor
The max. beam-diameter is 9 mm respectively limited by the magnification factor
Attention! The laser should not be operated while zooming!
LIDT = Laser Induced Damage Threshold, valid for the coating at design wavelength and gaussian intensity profil