



# DATA SHEET



specifications	
article number	S6EXP0040/328
design wavelength [nm]	1064
magnification factor	4.0x
divergence adjustable	✓
optical principle	Galilei (no internal focus)
mounting thread	M30x1
pointing stability [mrad]	< 1
clear input aperture [mm]	6.0
clear output aperture [mm]	30.0
wavefront error <sup>1)</sup>	1/e <sup>2</sup> diameter <sup>2)</sup> of 6.0 for <math>\lambda/10</math>
total number of lenses	3
total transmission [%]	98
lens material	fused silica
damage threshold [J/cm <sup>2</sup> ]	5.0 (1ns pulse at 50Hz)
weight [kg]	0.2
accessory	S6MEC0107 - adapter M30x1 to C-mount

## notes

- 1) Wavefront error peak to valley on axis proved by design
- 2) beam diameter vignetted at 1/e<sup>2</sup>

Data given by design