



Zoom beam expander

x0.6-x1.9

Specifications:

Wavelength	343; 355; 515; 532; 1030; 1064; 1070 nm
Beam reduction range	0.6x - 1.9x
Pointing stability	<1 mrad
Optical design	Galileo
Diffraction limited performance	Yes
Number of lenses	3
Transmittance	>99%
LIDT	>6.5J/cm ² @ 1064 nm; 10ns; 100Hz >2J/cm ² @ 532 nm; 10ns; 100Hz >0.8J/cm ² @ 355 nm; 10ns; 100Hz
No internal Ghosts	Yes
Mounting threads	M34x0.5 on exit end
Clamping	Ø37.5 x 17 mm cylinder

Max recommended input beam Ø

	343-355 nm	515-532 nm	1030-1070 nm
0.6x -	7 mm	6 mm	4 mm
1.0x -	7 mm	6 mm	4 mm
1.9x -	7 mm	6 mm	4 mm

Notes

- Max beam diameter (1/e²) meeting diffraction limited operation
- Divergence adjustment allows diverging input beam collimation
- Lockable lens positions
- IBS coated quartz lenses for maximum performance and longevity
- Sensitive collimation adjustment
- Laser should be turned off while zooming
- Custom wavelengths available

