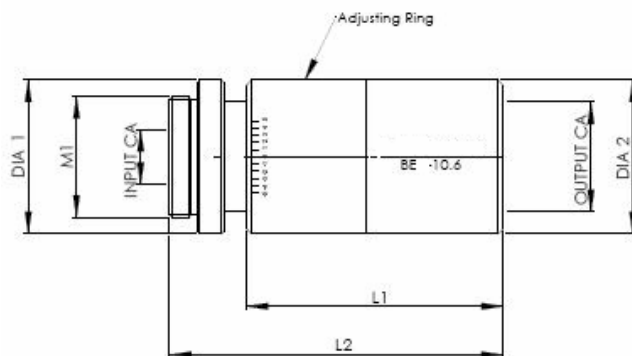


Beam Expander

Beam Expander is an Optical Component used in laser industry for expansion of beam. It is used for various applications such as laser scanning, interferometry, and remote sensing. We are able to provide expansion from 1 X to 50 X fixed magnification. We have newly developed Motorized Zoom Beam Expander; having expansion from 1 X to 8 X. we have beam expander from 266 nm to 10600 nm wavelength.

Advantage:

Input Beam is collimated or diverging; output from our beam expander is collimated with bigger beam diameter.



Model No.	Wavelength (nm)	Input CA (mm)	Output CA (mm)	Magnification X
BE-10.6-2X	10600	23	28	2
BE-10.6-4X	10600	23	28	4
BE-10.6-8X	10600	23	30	8
BE-1064-2X	1064	10	20	2
BE-1064-4X	1064	10	22	4
BE-1064-8X	1064	10	22	8
BE-633-2X	633	6	23	2
BE-633-4X	633	6	23	4
BE-633-8X	633	6	23	8
BE-532-2X	532	6	23	2
BE-532-4X	532	6	23	4
BE-532-8X	532	6	23	8
BE-405-2X	405	6	30	2

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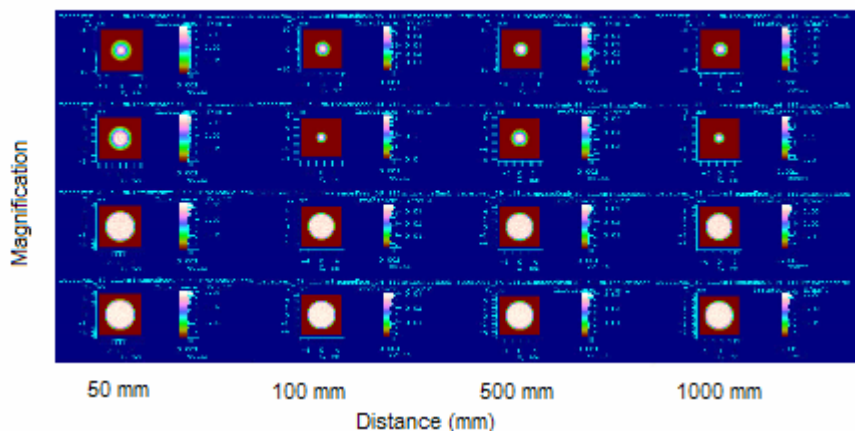
Email: gholographics@mail.com; www.genuineholographics.com

Tel: 0744-3295660; Fax : 0744-2366743; Mobile: 09314235320

BE-405-5X	405	6	30	5
BE-405-7X	405	6	30	7
BE-355-2X	355	7	24	2
BE-355-4X	355	8	28	4
BE-355-8X	355	8	28	8
BE-266-2X	266	8	24	2
BE-266-5X	266	10	24	5
BE-266-10X	266	6	24	10



Laser Energy Profile At Different Distance



Motorized Zoom Beam Expander

Motorized Zoom Beam Expander is controlled by micro-motor drive system, in order to control the divergence of laser beam and to achieve continuous adjustment. This motorized system is composed of electro-mechanical components and a pair of meshing gear. Controlled board is another separated unit. This motorized beam expander will be connected with a PC, so as to remotely control. In addition, as the controllability on its motor revolutions, focusing adjustment becomes more accurate.

Our Motorized beam expander for 10.6um / 1064nm / 633nm/ 532nm / 355nm and customized expander from 1-8 X Magnification.

Model No.	Wavelength (nm)	Input CA (mm)	Output CA (mm)	Magnification X
BE-10.6-2-8X	10600	10	36	2X to 8 X
BE-1064-1-8X	1064	12	32	1X to 8X

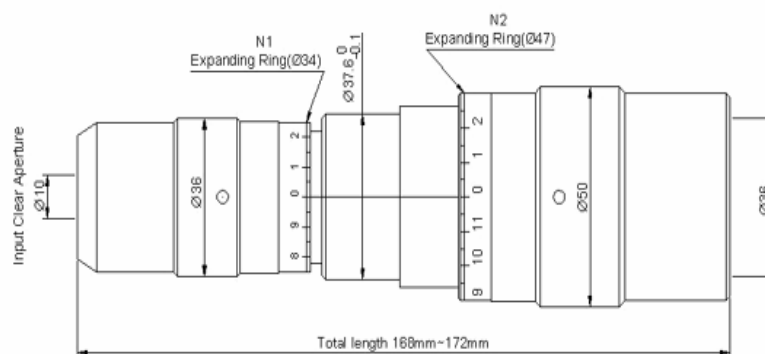
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BE-633-1-8X	532	12	32	1X to 8X
BE-532-1-8X	532	12	32	1X to 8X
BE-355-1-8X	355	12	32	1X to 8X
BE-266-1-8X	266	12	32	1X to 8X



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