

Variable Beam Expanders

Typical Items

Wavelength, nm	Expansion range	Max input beam diameter*, mm	Housing dimensions, mm	Product ID	
343-355	1x-4x	1X	4.0	Ø33 x 107.3-122	VBE-1X-4X-0343-0355-A
		2X	5.5	Ø41 x 120	VBE-1X-4X-0343-0355-B
		3X	3.0		
		4X	3.0		
	2x-8x	2X	5.0	Ø41 x 145	VBE-2X-8X-0343-0355-B
		3X	5.0		
		4X	4.0		
		5X	3.0		
		6X	2.5		
		7X	2.25		
515-532	1x-4x	1X	4.5	Ø33 x 107.3-122	VBE-1X-4X-0515-0532-A
		2X	6.5	Ø41 x 120	VBE-1X-4X-0515-0532-B
		3X	4.0		
		4X	3.5		
	2x-8x	2X	5.0	Ø41 x 147.5	VBE-2X-8X-0515-0532-B
		3X	5.0		
		4X	4.0		
		5X	3.0		
		6X	2.5		
		7X	2.25		
1030-1064	1x-4x	1X	4.5	Ø33 x 107.3-122	VBE-1X-4X-1030-1064-A
		2X	7.0	Ø41 x 120	VBE-1X-4X-1030-1064-B
		3X	5.0		
		4X	4.0		
	2x-8x	2X	5.0	Ø41 x 147.5	VBE-2X-8X-1030-1064-B
		3X	5.0		
		4X	5.0		
		5X	4.0		
		6X	3.0		
		7X	2.5		
	8X	2.5			

* Max input beam diameter ensuring diffraction limited performance