

UV Laser Beam Expanders

Specifications

Material: Lithosil

2.5X, 5X, 10X, or 20X Beam Expansion

Diverge, Collimate, or Focus a Beam

Sliding Collimation Adjustment

Best Form Narrowband UV AR-Coated Lenses

High Damage Threshold of 500 MW/cm²

Removable Endcap Protects C-Mount Threading



Catalog Number	Expansion Ration	Max.Input Beam Dia*	Output Aperture
ELU-25-2.5X-λ	2.5X	4 mm	22 mm
ELU-25-5X-λ	5X	3 mm	22 mm
ELU-25-10X-λ	10X	2 mm	22 mm
ELU-25-20X-λ	20X	1 mm	22 mm
ELU-51-25X-λ	25X	1.5 mm	48 mm

λ: When ordering, specify wavelength for AR coatings.

*Exceeding "Maximum Input Beam Diameter" will increase wavefront distortion beyond λ/4.

Please contact Qbic Laser system Inc for Larger input beam diameter.

Laser	λ (nm)
Nd:YAG	213
KrF	248
Nd:YAG	266
XeCL	308
HeCd	325
N ₂	337
XeF	351
Nd:YAG	355