

TECHSPEC® 355nm 1X - 3X Research-Grade Variable Beam Expander



Research-Grade Variable Beam Expanders



Stock #87-560 3-4 DAYS

⊖ 1 ⊕ **€1.300,00**

ADD TO CART

Qty 1-4

€1.300,00

Qty 5+

€1.148,00

Volume Pricing

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ⓘ Prices shown are exclusive of VAT/local taxes

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Angle of Incidence (°):
0 ±0.06

Coating:
Laser V-Coat (266nm, 355nm)

Design Wavelength DWL (nm):
355

Entrance Aperture (mm):
10

Exit Aperture (mm):
30

Expansion Power:
1X- 3X

Substrate:
[Fused Silica](#) (Coming 7980)

Length (mm):
172.30

Mounting Threads:
Input: Male C-Thread (1" x 32 TPI)
Output: Male T-Thread (M42 x 0.75)

Transmission (%):
>95 @ DWL

Type:
Beam Expander

Weight (g):
577

Housing Diameter (mm):
58.2

Transmitted Wavefront, P-V:
$\lambda/4$ @ 355nm for Input Beam $\leq 5\text{mm}$

Coating Specification:
 $R_{\text{abs}} < 0.25\%$ @ 265 - 267nm
 $R_{\text{abs}} < 0.25\%$ @ 354 - 356nm
 $R_{\text{avg}} < 1.0\%$ @ 260 - 365nm

Wavelength Range (nm):
260 - 365

Style:
Variable Magnification

Damage Threshold, By Design:
1 J/cm² @ 10ns, 20Hz, 355nm

Divergence Adjustment:
Non-Rotating Optics

Regulatory Compliance

RoHS:
[Compliant](#)

Certificate of Conformance:
[View](#)