

TECHSPEC® 7X, 355nm Vega® Nd:YAG Laser Line Beam Expander



7X, 355nm DAFixed YAG Beam Expander, #35-109

Stock **#35-109** 3-4 DAYS

⊖ 1 ⊕

€480,00

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Qty 1-9

€480,00

Qty 10+

€423,00

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⚠ Prices shown are exclusive of VAT/local taxes

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Angle of Incidence (°):
0

Coating:
Laser V-Coat (355nm)

Design Wavelength DWL (nm):
355

Entrance Aperture (mm): 7.5
Exit Aperture (mm): 26
Expansion Power: 7X
Substrate: ☐ Fused Silica (Corning 7980)
Length (mm): 87.20
Mounting Threads: Input: Male M30 x 1 Output: Female M34 x 0.5 (not intended for use)
Transmission (%): >98.5 (nominal)
Type: Beam Expander
Weight (g): 171
Housing Diameter (mm): 39.95
Transmitted Wavefront, P-V: <λ/10 for 2.8mm input beam (nominal, λ = DWL)
Coating Specification: R_{abs} <0.25% @ 355nm
Wavelength Range (nm): 340 - 380
Style: Fixed Magnification
Damage Threshold, By Design: ☐ 2.5 J/cm² @ 355nm, 10ns, 20Hz
Divergence Adjustment: Rotating Optics

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View