

TECHSPEC®

4X, 266nm Vega® Nd:YAG Laser Line Beam Expander



TECHSPEC® Vega™ Laser Line Beam Expanders



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Angle of Incidence (°):
0

Coating:
Laser V-Coat (266nm)

Design Wavelength DWL (nm):
266

Entrance Aperture (mm): 7.5
Exit Aperture (mm): 26
Expansion Power: 4X
Substrate: ☐ Fused Silica (Corning 7980)
Length (mm): 82.10
Mounting Threads: Input: Male M30 x 1 Output: Female M34 x 0.5
Transmission (%): >99 (nominal)
Type: Beam Expander
Weight (g): 160
Housing Diameter (mm): 39.95
Transmitted Wavefront, P-V: <i>M</i> /4 for 4.0mm input beam (nominal, λ = DWL)
Coating Specification: R _{abs} <0.25% @ 266nm
Wavelength Range (nm): 250 - 280
Style: Fixed Magnification
Damage Threshold, By Design: ☐ 1.5 J/cm ² @ 266nm, 10ns, 20Hz
Divergence Adjustment: Rotating Optics

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View