

TECHSPEC® 1.5X, 1064nm Vega® Nd:YAG Laser Line Beam Expander



TECHSPEC® Vega™ Laser Line Beam Expanders



Stock #12-875 3-4 DAYS

1 **€342,00**

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Angle of Incidence (°):
0

Coating:

Laser V-Coat (1064nm)
Design Wavelength DWL (nm): 1064
Entrance Aperture (mm): 8
Exit Aperture (mm): 23
Expansion Power: 1.5X
Substrate: ☐ Fused Silica (Corning 7980)
Length (mm): 85.80
Mounting Threads: Input: Male M30 x 1 Output: Female M27 x 0.5
Transmission (%): >99 (nominal)
Type: Beam Expander
Weight (g): 75
Housing Diameter (mm): 29.95
Transmitted Wavefront, P-V: <λ/10 for 4mm input beam (nominal, λ = DWL)
Coating Specification: R _{abs} <0.25% @ 1064nm
Wavelength Range (nm): 1000 - 1140
Style: Fixed Magnification
Damage Threshold, By Design: ☐ 10 J/cm² @ 1064nm, 10ns, 20Hz
Divergence Adjustment: Rotating Optics

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View