

TECHSPEC® 20X, 355nm Vega® Nd:YAG Laser Line Beam Expander



TECHSPEC® Vega™ Laser Line Beam Expanders



Stock **#35-119** ☐ In Stock

⊖ 1 ⊕

C\$1,111.60

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Angle of Incidence (°):
0

Coating:
Laser V-Coat (355nm)

Design Wavelength DWL (nm): 355
Entrance Aperture (mm): 4.5
Exit Aperture (mm): 32
Expansion Power: 20X
Substrate: Fused Silica (Corning 7980)
Length (mm): 116.80
Mounting Threads: Input: Male M30 x 1 Output: Female M42 x 0.5 (not intended for use)
Transmission (%): >98.5 (nominal)
Type: Beam Expander
Weight (g): 436
Housing Diameter (mm): 48
Transmitted Wavefront, P-V: <λ/10 for 0.9mm 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