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TECHSPEC® Vega™ Broadband Beam Expanders

Stock #39-746 3-4 DAYS



1



€536,00

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Qty 1-9

€536,00

Qty 10+

€474,00

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Angle of Incidence (°):

0

Coating:

Laser NIR (1030-1550nm)

Design Wavelength DWL (nm):

Broadband

Entrance Aperture (mm): 5.45
Exit Aperture (mm): 25.5
Expansion Power: 10X
Substrate: ☐ Fused Silica (Corning 7980)
Length (mm): 91.60
Mounting Threads: Input: Male M30 x 1 Output: Female M34 x 0.5
Transmission (%): >95.8 (nominal)
Type: Beam Expander
Weight (g): 168
Housing Diameter (mm): 39.95
Transmitted Wavefront, P-V: λ/10 for 2.3mm input beam (nominal, λ = DWL)
Coating Specification: R_{avg} ≤0.7% @ 1030 - 1550nm @ 0° AOI
Wavelength Range (nm): 1030 - 1550
Style: Fixed Magnification
Damage Threshold, By Design: ☐ 2 J/cm² @ 1064nm, 20ns, 20Hz
Divergence Adjustment: Rotating Optics

Regulatory Compliance

RoHS: Compliant
Certificate of Conformance: View