

TECHSPEC® 2X, NIR Vega® Broadband Beam Expander



TECHSPEC® Vega™ Broadband Beam Expanders

Stock #39-742 3-5 DAYS



1



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Angle of Incidence (°):
0

Coating:
Laser NIR (1030-1550nm)

Design Wavelength DWL (nm):
Broadband

Entrance Aperture (mm): 8
Exit Aperture (mm): 23
Expansion Power: 2X
Substrate: ☐ Fused Silica (Corning 7980)
Length (mm): 89.95
Mounting Threads: Input: Male M30 x 1 Output: Female M27 x 0.5
Transmission (%): >97.2 (nominal)
Type: Beam Expander
Weight (g): 74
Housing Diameter (mm): 29.95
Transmitted Wavefront, P-V: <i>N</i> /10 for 4.0mm 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