

**TECHSPEC® 10X, NIR Vega® Broadband Beam Expander**



TECHSPEC® Vega™ Broadband Beam Expanders

Stock #39-746 3-4 DAYS

⊖ 1 ⊕ **£455.60**

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Qty 1-9

£455.60

Qty 10+

£402.90

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Angle of Incidence (°):  
0

Coating:  
Laser NIR (1030-1550nm)

Design Wavelength DWL (nm):  
Broadband

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

## Regulatory Compliance

|                                                            |
|------------------------------------------------------------|
| <b>RoHS:</b><br><a href="#">Compliant</a>                  |
| <b>Certificate of Conformance:</b><br><a href="#">View</a> |