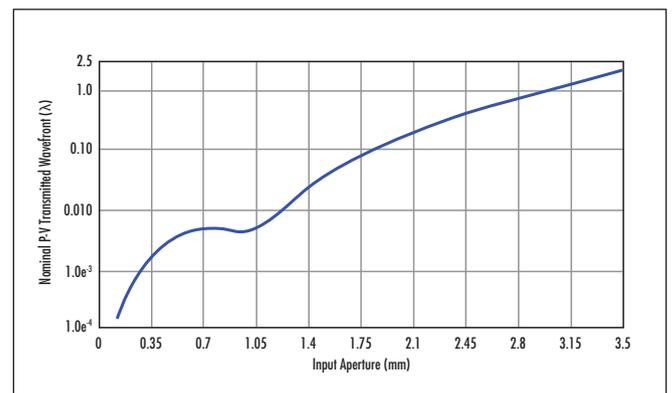
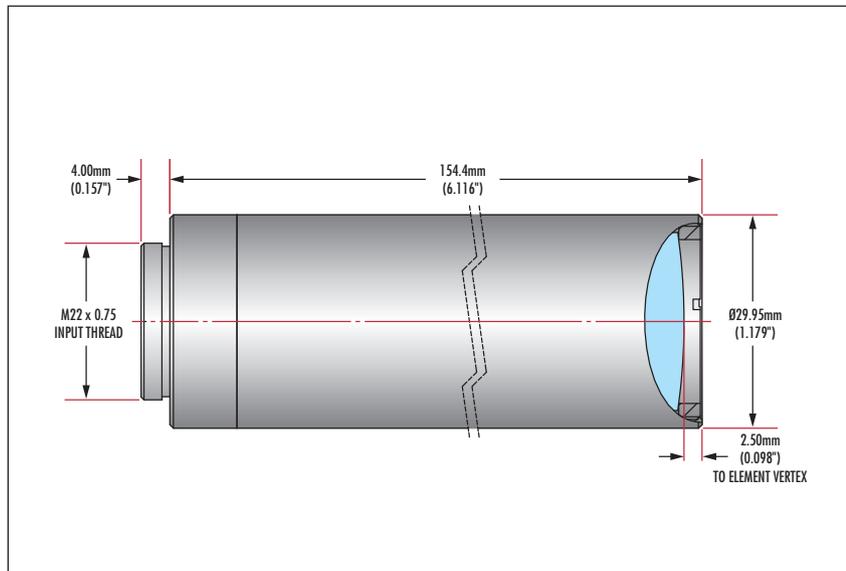


TECHSPEC® Scorpii™ Nd:YAG Beam Expanders 355nm • 10X #37-067

TECHSPEC® Scorpii™ Nd:YAG Beam Expanders are designed for beam expansion applications such as laser engraving and material processing. These beam expanders feature AR coatings and are designed for the Nd:YAG laser wavelengths 355nm, 532nm, and 1064nm. The Scorpii beam expanders are available in multiple fixed magnifications from 2X to 10X with M22 x 0.75 threading. TECHSPEC® Scorpii™ Nd:YAG Beam Expanders are a cost-effective solution for system integration. Ideal for OEM quantities, these beam expanders can quickly meet prototyping and application timelines.

| | |
|--|---------------|
| Design Wavelength: | 355nm |
| Expansion Power: | 10X |
| Design Wavefront (P-V): | $\lambda/4$ |
| Max Beam to Fill 85% of Output Aperture*: | 1.9mm |
| Transmission @ DWL: | 91% |
| Entrance Aperture: | 3.5mm |
| Exit Aperture: | 22mm |
| Housing Diameter: | 29.95mm |
| Overall Length: | 155mm |
| Weight: | 138g |
| Mounting Thread: | M22 x 0.75 |
| Substrate: | Optical Glass |
| Divergence Adjustment: | None |

*Maximum beam diameter to utilize full clear aperture of the beam expander
Specifications subject to change



TECHSPEC® Scorpii™ Nd:YAG Beam Expanders are designed with diffraction-limited performance for a range of input beam diameters. These beam expanders are designed to increase the input beam diameter to a larger collimated beam. For custom wavelength and magnification combinations, please contact us.