

Optotune 3mm Clear Aperture, VIS Coated, Electrically Focus Tunable Lens | EL-3-10-VIS-26D-FPC

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1

+

£140⁰⁰

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General	
Specialty Lens	Type:
>1,000,000,000	Lifecycles:
EL-3-10-VIS-26D-FPC	Model Number:
	Settling Time (ms):

<5 (80% step response)

Physical & Mechanical Properties

3	Clear Aperture CA (mm):
10.0	Outer Diameter (mm):
4.00	Thickness (mm):

Optical Properties

Low Dispersion Polymer	Substrate: □
BBAR (420-900nm)	Coating:
420 - 900	Wavelength Range (nm):
100	Abbe Number (v _d):
-13 to +13 diopter -77 to +77mm	Focus Range (mm):
1.300	Index of Refraction (n _d):
0.2λ @ 525nm	Transmitted Wavefront Error, RMS:
3W/cm² @ 1064nm	Damage Threshold, By Design: □

Electrical

-120 to +120	Current (mA):
0 - 0.12	Power Consumption (W):

Regulatory Compliance

View	Certificate of Conformance:
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Product Details

- Continuous Focusability
- Compact Size
- Wide Focal Adjustment Range

Optotune Focus Tunable Lenses 3mm Clear Aperture FPC Connector are easily integrated into a variety of Machine Vision applications including inspection, sorting, and bar code reading. By applying a current, the Optotune Focus Tunable Lenses 3mm Clear Aperture FPC Connector are able to quickly change shape from concave to convex, and provides an adjustment of -13 to +13 diopters (-77 to +77mm). With a small form factor of 10mm diameter x 4mm thick, low power consumption, and fast settling time, these lenses are the ideal option for OEM integration.