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

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Stock #37-344 **8 In Stock**

⊖ 1 ⊕ €183.<sup>00</sup>

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## Product Downloads

### 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 ( $n_d$ ):

0.2 $\lambda$  @ 525nm Transmitted Wavefront Error, RMS:

3W/cm<sup>2</sup> @ 1064nm Damage Threshold, By Design:

>1 kW/cm<sup>2</sup> @1064nm Damage Threshold, CW:

## Electrical

-120 to +120 Current (mA):

0 - 0.12 Power Consumption (W):

## Regulatory Compliance

[View](#) Certificate of Conformance:

## 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.