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## NIR Dielectric Coated Optotune Fine Steering Mirror

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### Physical & Mechanical Properties

50.8 x 50.8 x 12      **Dimensions (mm):**

53      **Weight (g):**

20 x 20      **Mirror Size (mm) :**

## Optical Properties

2λ@549nm **Surface Flatness (P-V):**

NIR Dielectric (750-1100nm) **Coating:**

0.4 (in x and y) **Scan Angle (°):**

R<sub>avg</sub> >98% @ 750 - 1100nm (0-45°) **Coating Specification:**

## Regulatory Compliance

[View](#) **Certificate of Conformance:**

## Product Details

- Milliradian (mrad) Beam Steering Range With μrad Resolution
- Metallic or Dielectric Coatings for Low to High Power Lasers
- Ideal for Laser Wobbling Applications

Optotune Fine Steering Mirrors are designed for laser systems requiring precise, fast tilting with high angular resolution. These mirrors have a large clear aperture to create two-dimensional beam patterns for a variety of laser wobbling applications, including laser cavity alignment, Lissajous scanning, and laser soldering. Each device has a temperature sensor and EEPROM containing calibration data for precise open-loop control. Optotune Fine Steering Mirrors are available with metallic or dielectric coatings for use with low to high power laser beams and are easily driven using the Optotune ICC-4C-2000 controller.