

MP-5[®] ULTRA-LOW ABSORPTION CO₂ LASER LENSES



Cut through the hype. Only one ultra-low absorbing lens in the world ships direct from the factory as a standard OEM CO₂ laser component: II-VI INFRARED's MP-5. Its superior features include a typical absorption of < 0.12%, visible laser light transmission, and reduced thermal lensing. The MP-5 is also backed by over eight years of proven performance, and is the only ultra-low absorbing lens on the market designed, produced, and supported by II-VI INFRARED, the world leader in CO₂ laser optics.

A specially-coated zinc selenide (ZnSe) focusing lens, the MP-5 is available in both 1.5" and 2.0" diameters, and ships in 14 standard replacement lens configurations for most popular OEM laser models. The MP-5 is also available custom-configured in OEM quantities.

Specifications:

- **Typical absorption: < 0.12%**¹
- **Surface quality: scratch-dig ≤ 40/20**
- **Diameter: +0.000"/-0.005"**
- **Thickness: +/-0.010"**
- **Edge thickness variation: < 0.002"**
- **Clear aperture: 90% of lens diameter**

¹ total guaranteed absorption: ≤ 0.15%



INFRARED ... the world leader in CO₂ laser optics

WORLDWIDE SALES OFFICES

To place an order, contact a II-VI sales representative at any of the following locations, or log onto www.iiviinfrared.com/contact for our most complete and up-to-date information.

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