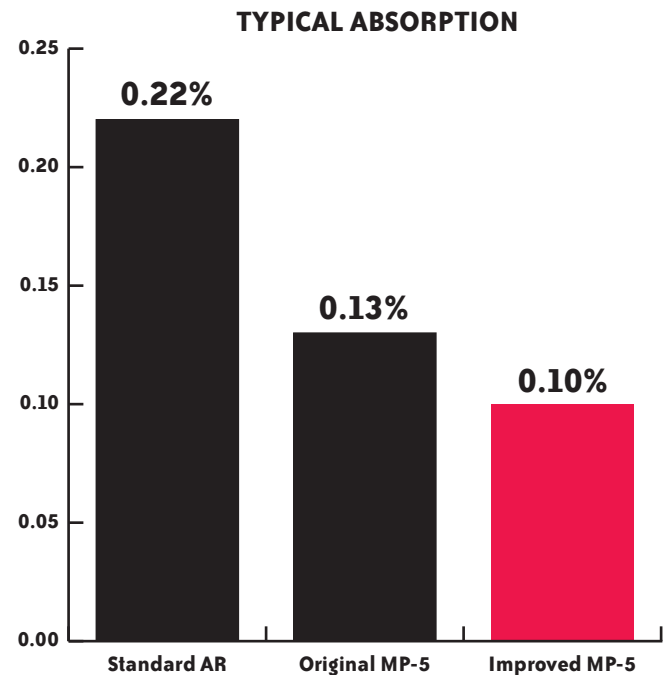


# MP-5<sup>®</sup> LENSES

## ULTRA-LOW ABSORPTION FOR HIGH-POWER CO<sub>2</sub> LASERS



**THE BEST ... NOW EVEN BETTER.** II-VI Infrared's MP-5 is an ultra-low absorbing lens that ships directly from the factory as a standard OEM CO<sub>2</sub> laser component. Its superior features include a patented coating design enabling lower thermal distortion, visible transmission for reduced set-up time, and easy detection of thermally induced stress. The MP-5 is backed by over a decade of proven performance, and this ultra-low absorbing lens is designed, produced, and supported by II-VI Infrared, the world leader in CO<sub>2</sub> 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.

### Specifications:

- **Typical absorption:** < 0.10%<sup>1</sup>
- **Scratch-dig:** ≤ 40-20
- **Diameter:** +0.000"/-0.005"
- **Thickness:** +/-0.010"
- **Edge thickness variation:** < 0.002"
- **Clear aperture:** 90% of lens diameter

<sup>1</sup> total guaranteed absorption: ≤ 0.13%