

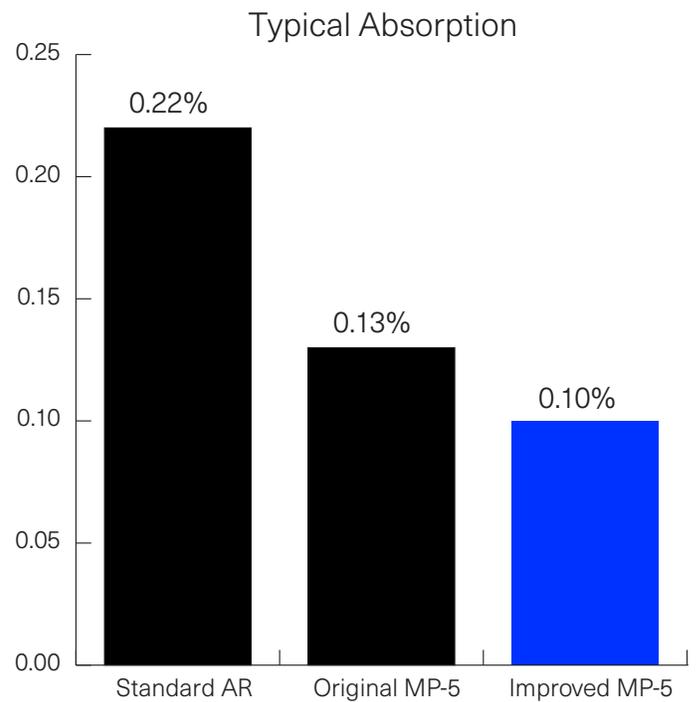
# MP-5 LENSES

## Ultra-Low Absorption for High-Power CO<sub>2</sub> Lasers

Coherent'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 Coherent 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 |