

Rear Mirrors for high power CO<sub>2</sub> lasers

## Rear Mirrors for CO<sub>2</sub> lasers

*Rear Mirror with Low Absorption Coating*  
*Total Absorption < 0.07% (typical)*



**Rear Mirror with low absorption coating** is designed to be used with a matching Output Coupler to maximize the output power/energy ratio of your laser resonator.

Our low absorption cavity coating is optimized to total absorption < 0.07% (typical) enhancing your laser generator performance to the next level with **higher efficiency** and **longer lifetime**. Simply the best for High-Power CO<sub>2</sub> Lasers above 2.5KW.

### Specifications

Material	Diameter* (mm)	Edge Thickness (mm)	Radius (m)	Reflectance*	Total Absorption (Guaranteed)
Ge	25.4	5.99	PLANO/15CC	99.5 +/-0.3%	< 0.07%
Ge	27.94	5.99	PLANO/10CC	99.5 +/-0.3%	< 0.07%
Ge	27.94	5.99	PLANO/15CC	99.5 +/-0.3%	< 0.07%
Ge	38.1	8.0	PLANO/20CC	99.5 +/-0.3%	< 0.07%
Ge	38.1	8.0	PLANO/30CC	99.5 +/-0.3%	< 0.07%
Ge	38.1	8.0	PLANO/35CC	99.5 +/-0.3%	< 0.07%

\* Matching Output Couplers are available upon request.

For more information, please contact our Sales Team at 714-327-0600 or [lambd@lambda.cc](mailto:lambd@lambda.cc)

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