

MegaWatt Lasers Resonator Optics



These specially designed laser optics are used in our resonators and are tested in-house. They can be purchased as replacements for MegaWatt Laser resonators, and offer high damage threshold coatings. They are made in the USA and are usually in-stock.

Stock optics: (see www.megawattlasers.com for more detailed specifications)

Mirror type / Wavelength	Reflectivity	Size (Ø X Thick)	Material	Part #
HR for Er:YAG (2940 nm)	High Refl.	1/2 " X 1/4 "	Calcium Fluoride (CaF ₂)	C764
PR for Er:YAG (2940 nm)	R = 82.5%	1/2 " X 1/4 "	Calcium Fluoride (CaF ₂)	C765
HR for CTH:YAG (2080 nm)	High Refl.	1/2 " X 1/4 "	UV Fused Silica	C849
PR for CTH:YAG (2080 nm)	R = 75%	1/2 " X 1/4 "	Infrasil 301	C850
PR for CTH:YAG (2080 nm)	R = 82.5%	1/2 " X 1/4 "	Infrasil 301	C851