

Dichroic Mirrors (Wavelength & Harmonic Separators and Combiners)



Dichroic Mirror separates light beam into two beams, by reflecting specific wavelengths and letting other wavelengths to pass through. Alien Photonics Dichroic Mirrors can be used to both separate or combine wavelengths. Optimization for reflection or transmission, various materials, shapes, LIDT options available.

<p> Price typically from 120 € </p>	<p> Delivery <i>Stock</i> 1-3 days <i>Manufacturing</i> 4-6 weeks </p>
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Aspect	Details
Wavelength Range	UV (~180 nm) to IR (~15,000 nm)
Sizes	Few millimeters to a few hundred millimeters
Configurations	Short-pass, Long-pass, Harmonic separation, Custom wavelength separation, Combiner
Shapes	Round, Rectangular, Custom shapes
Surface Form	Flat (Plano, high/standard parallelism - UV-VIS-NIR or IR), Wedge , Curved
Substrate Materials	Standard UVFS and others
Laser Induced Damage Threshold (LIDT)	Low and High LIDT options
Angle of Incidence (AOI)	45°, 0°, Custom angles (e.g., 15°, 22.5°, 30°, 56°), angle range (±5°, 22.5°-45°, 45°-55°)