

Contact sheet for laser cavity mirror

Estimation Order

Date

To: Sigma Koki Co., Ltd. **FAX +81-3-5638-6550**

Application Systems

Optics & Optical Coatings

Opto-Mechanics

Bases

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Super Mirror

Femtosecond Laser

Frameless

Accuracy Guarantee

High Power

Ultra Broadband

Dielectric Coating

Aluminum Coating

Gold Coating

Affiliation (Organization Name)							
Department			Name				
TEL		FAX		E-mail			
Country/Address							
Name & Designation <small>(Tentative name is okay)</small>							
Drawing Number				Estimate		<input type="checkbox"/> Yes: by Date <input type="checkbox"/> No	
Desired Delivery Date				Budget		JP Yen	
Substrates				If you are using a substrate of standard product, please fill in the product number. * If you specify a standard product of the substrate, it is not necessary to fill in fields marked with ▲.			
Material [▲] <input type="checkbox"/> BK7 <input type="checkbox"/> Synthetic fused silica <input type="checkbox"/> Other ()							
Quantity							
Dimensions [▲] <small>If you do not specify a dimension tolerance is outside the standard tolerance.</small>	Flat Mirror Type		* The back is basically a polished surface.			ϕA	mm
						t	mm
						Surface flatness of substrate [▲] (at $\lambda = 632.8\text{nm}$)	
	Concave Mirror Type		* The back is basically a polished surface.			ϕA	mm
						te	mm
						tc	mm
r						mm	
Standard Curvature Radius [mm]		10, 15, 20, 25, 30, 40, 50, 60, 70, 80, 90, 100, 120, 150, 200, 250, 300, 400, 500, 600, 700, 800, 1000, 1500, 2000, 2500, 3000, 4000, 5000, 10000, 20000, 30000				(Caution) In other than the above curvature radius, tooling costs may be required.	
Specifications of Coating	Dielectric multi-layer coating	Wavelength Used	$\lambda =$ nm	Incident angle	$\theta =$ ° ± °	Reflectance	R = % or more
		Reflective Coating	$\lambda =$ for nm				

Sigma Koki Co., Ltd.

General Catalog 02

Concave Mirror
(rear mirror)

Flat Mirror
(output mirror)

Laser cavity mirrors for the laser oscillator used in coating technology and high-quality high-precision polishing technology are required. In accordance with the specifications received from customers, we manufacture high quality mirror cavity with a high degree of accuracy. We will propose to use a substrate such as a mirror that has been standardized, the method that best meets your budget. To confirm the specifications for the quotation, we may contact to the customer.