

Contact sheet for laser cavity mirror

Estimation Order

Date

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

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Super Mirror

Femtosecond Laser

Frameless

Accuracy Guarantee

High Power

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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.			phi A		mm		
						t		mm		
						Laser Damage Threshold▲ (at lambda = 632.8nm)				
			Parallelism▲ (enter only when it is necessary)							
	Concave Mirror Type		* The back is basically a polished surface.			phi A		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.

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.