

32 Diffraction Grating Sampler

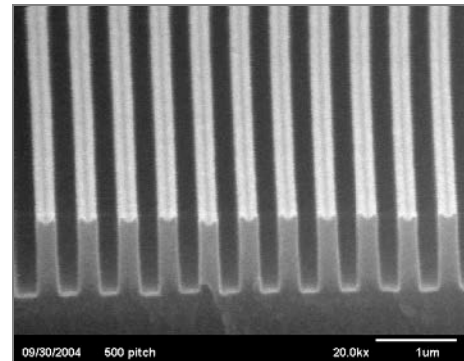
Grating Array Description

- Individual gratings are 10mm wide and 15mm long (grooves are 15mm long).
- Layout of individual gratings is shown below.
- Grooves are approximately 600nm to 700nm deep.
- Duty cycle (ridge:trench width) is approximately 50:50.

Groove Direction
→

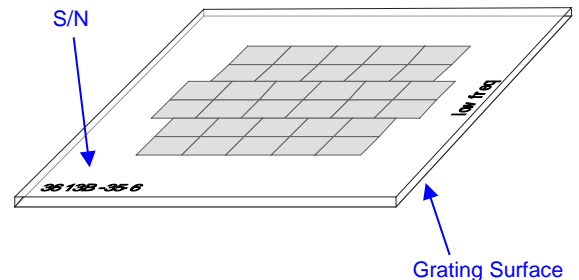
	2439 l/mm	2463 l/mm	2488 l/mm	2513 l/mm	2538 l/mm	
	2283 l/mm	2315 l/mm	2347 l/mm	2381 l/mm	2404 l/mm	
Lower frequencies	2075 l/mm	2110 l/mm	2146 l/mm	2183 l/mm	2212 l/mm	2252 l/mm
	1845 l/mm	1880 l/mm	1923 l/mm	1961 l/mm	2000 l/mm	2033 l/mm
	1639 l/mm	1678 l/mm	1718 l/mm	1761 l/mm	1805 l/mm	
	1429 l/mm	1471 l/mm	1515 l/mm	1558 l/mm	1597 l/mm	

Representative SEM of 2000 l/mm grating profile



Sample Description

- Substrate: 4" square, 1.1mm thick Corning Eagle XG Glass
- Grating: Replicated
- Sample S/N: written on the back side of the substrate
- Pricing: \$850. USD



Caution: Grating surface is extremely delicate. For handling and cleaning see Hx document “*Handling and Cleaning of Diffraction Gratings*”.

[Order Sample](#)