

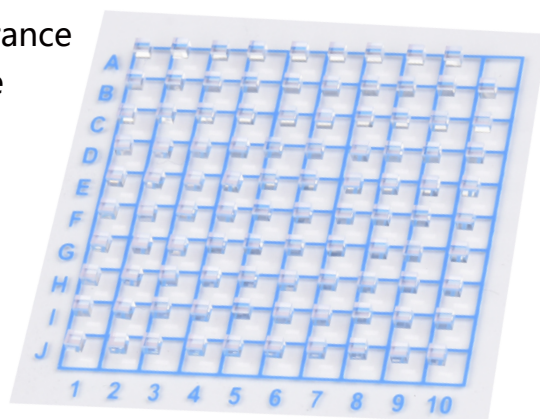
## Solid Etalon

### Features

- High-precision FSR tolerance
- High-precision CR, finesse, and bandwidth tolerance
- High-precision reflection IL and ripple tolerance
- Temperature-sensitive

### Applications

- WDM networks
- Tunable filter
- Tunable dispersion compensation
- Tunable laser



### Main Specifications

Parameter	Unit	Value
Typical Material		Fused silica, Silicon, YAG
Typical Size	mm	1.4*1.4, 1.7*1.7
Typical FSR	GHz	25, 50, 100, 200, 400
FSR Tolerance	GHz	$< \pm 0.02$
Flatness	$\lambda$	$< 1/20$ ( $\lambda = 632.8$ nm)
Parallel		$< 1$ arc second
Surface Quality		10-5
Heating Resistance	$\Omega$	10 ~ 1000 (according to customer requirement design)
Typical Coating Spec	The coating is designed according to Etalon Contrast Ratio (CR), Finesse, Bandwidth etc. For example: R = 35% $\pm 0.5\%$ @ O, C or L Band R = 67% $\pm 0.5\%$ @ O, C or L Band R = 88% $\pm 0.5\%$ @ O, C or L Band R = 97% $\pm 0.5\%$ @ O, C or L Band R > 99.8% @ O, C or L Band	
Edge Chipping	mm	$< 0.05$
Corner Chipping	mm	$< 0.1$

### Order Information

- The above specifications represent the typical performance of an O-Net Etalon.
- Please contact our Sales to discuss your specific requirements.

