

# Glass Block + CWDM Filter

## Features

- ◆ High-precision assembly
- ◆ High optical parallel and low insertion loss
- ◆ High reliability



## Applications

- ◆ 40G/100G/400G optical transceiver
- ◆ Datacenter/cloud computing
- ◆ Research

## Specifications

Parameter		Min	Typical	Max	Unit
Typical Size			5.5*4.6*1.2		mm <sup>3</sup>
Optical Line Pitch		0.5	1.2	3	mm
Wavelength Range		1260		1360	nm
Pass Band	Lane 0	1264.5	1271	1277.5	nm
	Lane 1	1284.5	1291	1297.5	nm
	Lane 2	1304.5	1311	1317.5	nm
	Lane 3	1324.5	1331	1337.5	nm
Pass Band Insertion Loss				0.75	dB
Pass Band Flatness				0.4	dB
Adjacent Channel Isolation		25			dB
Non-Adjacent Channel Isolation		35			dB
PDL				0.25	dB
Effective Aperture			Φ0.7		mm <sup>2</sup>
Parallel of All Beams				0.2	°
Optical Surface Scratch/Dig			20/10		
Edge Chipping	Filter			0.1	mm
	Other			0.2	mm
Corner Chipping	Filter			0.15	mm
	Other			0.3	mm
Storage Temperature		-40	25	90	°C
Operating Temperature		-5		85	°C

### **Ordering information**

The above specifications represent the typical performance of an SCT Glass Block + Filter.  
Please contact our Sales to discuss your specific requirements.