

# RD605GMF(F1.6) Lens Specification

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Nano Advanced Optical Technology

# 1) RD605GMF(F1.6) SPEC.

No.	Item.		Specification		
1	Focal Length		6.00mm ±5%		
2	Back Focal Length		6.21mm ±5%		
3	Flange Back Length		4.79 mm		
4	Lens Construction		5 Glasses (1 Aspherical Glass)		
5	F#		<b>1.6</b>		
6	Image sensor		OV10640_1280X1080 1/2.56" (D=7.034mm)	IMX390_1920X1080 1/2.7" (D=6.609mm)	
	Angle of View		Diagonal : 66.1° Horizontal : <b>50.8°</b> Vertical : 42.9°	Diagonal : 62.2° Horizontal : <b>54.3°</b> Vertical : 30.8°	
7	Optical / TV Distortion		-10.0% / -3.3%±5%	-8.7% / -2.9%±5%	
8	Relative Illumination		54.4%	58.5%	
9	C.R.A		12.5°	11.9°	
10	<u>MTF(100lp/mm)</u>	AXIS	Rad. : 63.9 %	Rad. : 63.6 %	
		0.6F	Rad. : 41.7 % Tan. : 42.6 %	Rad. : 46.3 % Tan. : 42.4 %	
		0.8F	Rad. : 29.0 % Tan. : 41.3 %	Rad. : 32.1 % Tan. : 40.5 %	

## 2) RD605GMF(F1.6) Drawing

