



1/2" F1.4/12mm C-mount	
Focal Length	f=12 mm
Max. Diameter (Ratio)	F-1:1.4
Element	6 Group 6 Elements
Picture Size	4.8x6.4 φ8 1/3" φ6
Angle	Dia. 38.5° 28.8°
	Hol. 30.7° 23.0°
	Ver. 23.0° 17.2°
Distortion	TV -1.2%
Shooting Range at M. O. D.	Dia. 213mm
	Hol: 167mm
	Ver. 124mm
Minimum Object Distance	0.3m
Flange back	17.526mm
Back Focus	11.1mm
Filter Screw Size	M37.5x0.5
Front/Rear Effective Dia.	φ12.3 φ11.7
Mount	C-Mount
Exit Pupil	-38.9mm
Temperature Range	-10 ~+45° C
Strong Temperature Range	-40 ~+60° C
Resolution	Center:100Line/mm Coner: 40Line/mm
Stopper Strength	10kgf cm
Endurance Tests	Iris:100,000Times Focus:5,000Times
Operating Torque	Focus100~1000gf cm
Weight	LM12NCA:79g LM12NCAG:76g

BS w/o AMP. LM12NCAG			AS w/AMP. LM12NCA		
Driving Coil	Resistance	190Ω (20° C)	Input Voltage	Range	+8V~+16V Less than 35mA(8V)
	Color	Red, Black (Red+Open)		Color	Red(+VCC), Black (GND)
Dumping Coil	Resistance	1150Ω (20° C)	Input Signal	Signal	Video Signl (VorVS)
	Color	Yerrow, Green (Yel low+Open)		Color	White
Driving Volutge	to Open	Less than +4V	Level Adjustment Range	Input Res	tance >100kΩ
	to Close	More than 0V		VR or Remote	Remote
		w/Closing spring	Response		within 3.5sec.
			Cable	4 Wire(Shield)	L=500 mm