



Machine Vision in Focus

(+86) 13006699017
WWW.KOWA.NET.CN

SEE WIDE | SEE SWIR



LM6HC-SW

NEW

SWIR OPTIMIZED | 6mm WIDE ANGLE MODEL

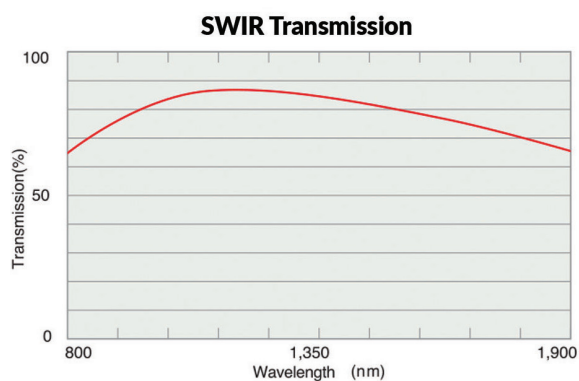


NEW

Incorporating Kowa's special coating technology, the 1" format HC-SW series maintains high transmission from **800nm to 1900nm**. Designed for Near Infrared (NIR) and Short Wavelength Infrared (SWIR) applications.

Technical drawing of the C-mount adapter showing dimensions and features:

- Overall Dimensions:**
 - Total length: 56.6 (0.1m)
 - Length to rear flange: 56.2 (∞)
 - Length to front flange: 17.526
 - Front flange thickness: 6.7
 - Mounting hole diameter: $\phi 22.5$
 - Outer diameter: $\phi 54$
 - Inner diameter: $\phi 42$
- Optical Features:**
 - Aperture: 1.8 2 2.8 4 • 8 • 11
 - Focal length: f=6mm/F1.8
 - Focus scale: 0.1 0.2 0.3 0.5 1 ∞ m
- Mounting Features:**
 - Mounting holes: 1-32UNF
 - Mounting hole diameter: $\phi 6.2$ (H2)
 - Mounting hole depth: 49.3 (H1)
 - Mounting hole type: M2
 - Mounting hole position: C-Mount



6 mm F1.8

Focal length	Aperture	Minimum working distance	Angle of view (Horizontal)	Angle of view (Vertical)	Operating temperature	Distortion (TV)
6mm	F1.8	0.1m	96.8°	79.4°	-10 ~ +50°C	-0.2%

Other lenses in the series

8 mm	12 mm	16 mm
25 mm	35 mm	50 mm

