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BASLER 2/3 PREMIUM FIXED FOCAL LENSES

2/3", 5MP

2200000573
C23-5028-5M, 50mm, 2/3", C-Mount, 5MP



- Sensor size up to 2/3"
- Focal lengths up to 50mm
- 5MP resolution
- C-Mount lenses

PRODUCT DESCRIPTION

Basler 2/3" Premium Fixed Focal Lenses are high-quality optics designed to maximise the performance of 2/3-inch image sensors, supporting resolutions up to 5 megapixels. These lenses offer fixed focal lengths ranging from 6 mm to 75 mm, with advanced optical designs that minimise distortion and chromatic aberrations, delivering sharp, high-contrast images from edge to edge. Featuring precision-engineered C-mount housings, manual iris control, and locking screws for both focus and aperture, they ensure stable and repeatable imaging in dynamic industrial environments. Their compact size and lightweight construction make them ideal for integration into space-constrained machine vision systems.
These premium lenses are well-suited for demanding applications such as electronics inspection, measurement systems, and high-speed production line monitoring. Their high resolution and optical clarity enable accurate defect detection and dimensional analysis in sectors like automotive, semiconductor, and medical device manufacturing. Additionally, their robust mechanical design ensures reliable performance in harsh environments where vibrations or temperature shifts could impact lesser optics. Whether used in static inspection setups or dynamic robotic systems, Basler 2/3" Premium Fixed Focal Lenses provide consistent, high-quality imaging essential for precision-focused machine vision tasks.

TECHNICAL DATA

Aperture range max (f)	2.8
Aperture range min	16
Focal length	50 mm
Focus distance min	400 mm
Iris	Manual iris
Lens Barrel	C-Mount
Pixel size min	3.45 µm
Resolution max	5 MP
Sensor size max	2/3"
Type of lens	Fixed
Weight	83.7 g