

BPL-SERIES PINHOLE LENSES

KEY FEATURES

- Pinhole lenses for 1/4", 1/3", 1/2" formats.
- Quality build and performance.
- Suitable for MP (HD) resolution applications
- No iris, fixed aperture
- No moving parts
- Various adapters and mounts available

Bock Optronics offers a wide selection of quality M12 S-mount and CS-mount pinhole lenses well suited for covert security/surveillance applications and other scenarios where a physically small front aperture lens is required. Various focal lengths offer great flexibility for field of view and longer range viewing.

Excellent for use with compact CS/C-mount or ultra compact cameras with M12 lens mounts. With the use of adapters, many of the M12 mount lenses can also be used with C/CS-mount cameras, providing a compact high performance solution.

The BPL-series of pinhole lenses offer a varied selection for 1/3" format sensors or smaller.

The BPL2-series are a new generation of MP/HD pinhole lenses designed for 1/2" format sensors or smaller. A wide range of focal lengths, the BPL2-series are also IR corrected and can be used in day/night environments with or without IR illumination.

The BPLC-series is a selection of disguised and compact pinhole lenses for short M12 mount cameras. The button and screw head appearance allow them to be used in body worn or prop environments.

Lastly, the BPL-VF series are zoom pinhole lenses for CS-mount cameras. Designed for flexibility and performance, these lenses offer excellent image quality for HD resolution cameras.

Available as individual products or in kit form, Bock Optronics can create a custom lens package for your imaging needs.

1/3" Format Lenses



BPL SERIES SPECIFICATIONS	Focal Length	Relative Aperture	IRC	Weight (g)	CS-Mount Adapter	Angle of View		Dimensions (Ø x L mm)
1/3" Format Pinhole Lenses (non-IR corrected)						1/4"	1/3"	
BPL-130-025028	2.5mm	2.8	No	11.7	Yes	64.7°	88°	12 x 46.5
BPL-130-060024	6.0mm	2.4	No	5.1	Yes	32.4°	44°	12 x 18.5
BPL-130-100027	10mm	2.7	No	5.2	Yes	19.9°	27°	12 x 21.5
BPL-130-150056	15mm	5.6	No	2.8	Yes	13.2°	18°	12 x 25.5
BPL-130-300103	30mm	10.3	No	4.2	Yes	6.6°	9°	12 x 38.5

* Due to the ongoing improvements, specifications are subject to change without notice.

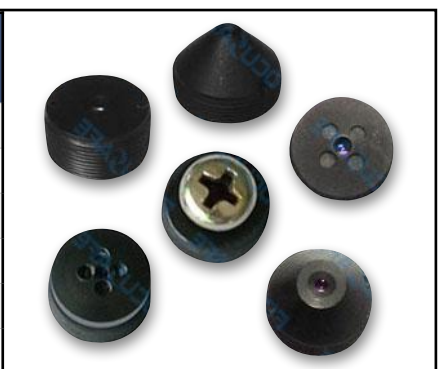
1/2" Format Lenses



BPL2 SERIES SPECIFICATIONS	Focal Length	Relative Aperture	Image Format	IRC	MOD (m)	Weight (g)	Approximate Angle of View			Dimensions (Ø x L mm)
Megapixel Pinhole Lenses, IR Corrected							1/4"	1/3"	1/2"	
BPL2-120-080040	8.0mm	4.0	1/2"	Yes	> 0.3	2.2	22.6°	33.3°	43.6°	12 x 13
BPL2-127-100033	10mm	3.3	1/2.7"	Yes	> 0.5	2.0	18.2°	27°	n/a	12 x 13.8
BPL2-120-150050	15mm	5.0	1/2"	Yes	> 1.0	2.8	12.2°	18.2°	24.1°	12 x 17
BPL2-120-220073	22mm	7.3	1/2"	Yes	> 1.0	2.8	8.3°	12.5°	16.5°	12 x 23
BPL2-120-300010	30mm	10	1/2"	Yes	> 3.0	4.3	6.1°	9.1°	12.1°	12 x 31.3
BPL2-120-350070	35mm	7.0	1/2"	Yes	> 2.0	6.1	5.2°	7.8°	10.4°	12 x 40.3
BPL2-120-450128	45mm	12.5	1/2"	Yes	> 5.0	8.5	4.1°	6.1°	8.1°	12 x 46.4
BPL2-120-700125	70mm	11.6	1/2"	Yes	> 6.0	9.8	2.6°	3.9°	5.2°	12 x 66

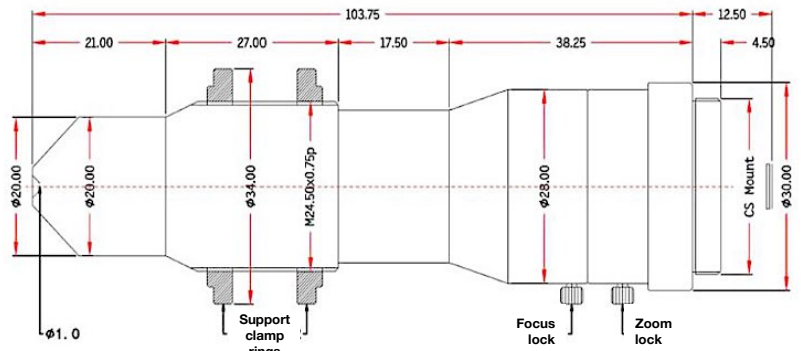
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BPLC SERIES SPECIFICATION	Focal Length	Relative Aperture	Weight (g)	Angle of View		Dimensions (Ø x L mm)	Style
1/3" Format Pinhole Lenses (non-IR corrected)				1/4"	1/3"		
BPLC-130-25025TP	2.5mm	2.5	8.0	64.7°	88°	12 x 7.5	tapered
BPLC-130-37025BP	3.7mm	2.5	8.0	32.4°	44°	12 x 7.5	button
BPLC-130-60025BP	6.0mm	2.5	8.0	19.9°	27°	12 x 7.5	button
BPLC-130-37025SP	3.7mm	2.5	8.0	13.2°	18°	12 x 7.5	screw
BPLC-130-60025SP	6.0mm	2.5	8.0	6.6°	9°	12 x 7.5	screw



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BPL-VF420-2 SPECIFICATIONS		
2MP Zoom Pinhole Lens		
Focal Length (mm)		4.0 ~ 20
Aperture		F4.0, fixed
Image Circle Size		1/2.7"
Horizontal Angle of View (@ 4.0mm and 20mm)	1/2.7"	66.7° / 15°
	1/3"	61.9° / 13.7°
	1/4"	43.6° / 9.1°
Minimum Object Distance (m)		≥ 0.2
Control Type	Focus	Manual
	Zoom	Manual
IR Corrected		No
Mount Type		CS
Dimensions (Ø x L mm)		30 x 103.75
Weight (g)		108



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M12 MOUNT ACCESSORIES

APT-M12C	M12 lens to C-mount adapter
APT-M12CS	M12 lens to CS-mount adapter
APT-CSM12	CS/C-mount lens to M12 mount adapter
BO-SMET-05	5.0mm extension tube, M12
BO-SMET-06	6.0mm extension tube, M12
BO-SMET-10	10mm extension tube, M12
BO-LFLR	M12 lens focus lock ring



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LENS KITS

BPLK-Custom	Bock Optronics can configure a pinhole lens kit per your requirements. Please contact us for more information.
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