



MID-RANGE FOCUS OPTIMIZER 1 (MFO-1)

FOCUS RANGE TO 12.5CM-114CM WITH FULL FRAME NIKON 105MM

	CAMERA LENS	GEAR	PORT ADAPTOR / EXTENSION RING	EXTENSION RING / PORT CONVERTER	PORT	MOUNT CONVERTER	WET LENS	OPTICAL PERFORMANCE
N120 CINEMA SYSTEM EF & RF-MOUNT (RED, CANON PANASONIC, Z-CAM, BLACKMAGIC)	Canon EF 100mm f/2.8L Macro IS USM	19523 C100S-F			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	On both APS-C & Full Frame Sensor Max. Magnification 1.2X Working Distance 103-1072mm
	Canon RF 100mm f/2.8L Macro IS USM	19575 CRF100-F * please contact us if SA control is needed			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	On both APS-C & Full Frame Sensor Max. Magnification 1.6X Working Distance 56-1072mm
N120 CINEMA SYSTEM Z-MOUNT (RED, KOMODO, X-VAPOR, X)	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED with Nikon FTZII mount adaptor	TBD Gear set			18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	On both APS-C & Full Frame Sensor Max. Magnification 1.1X Working Distance 12-1120mm
	Nikkor Z MC 105mm f/2.8 VR S Macro	TBD Gear set	22120 N120 Extension Ring 20 II		18708 Macro Port 80 18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	On both APS-C & Full Frame Sensor Max. Magnification 1.1X Working Distance 108-1005mm
N120 NIKON F-MOUNT	Nikon AF-S Micro NIKKOR 60mm f/2.8G ED	19121 N06G-F			18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.1X Working Distance 12-1120mm
	Nikon AF-S VR Micro-NIKKOR 105mm f/2.8G IF-ED	19122 N105VR-F			18702 Macro Port 87	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.2X Working Distance 125-1080mm
N120 NIKON Z-MOUNT (Z7II / Z8)	Nikkor Z MC 105mm f/2.8 VR S Macro	19161 (V1) / 19200 (V2) / N105VR-F (V1) / Z105VR-F (V2)	22120 N120 Extension Ring 20 II		18708 Macro Port 80 18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.1X Working Distance 108-1005mm
	Nikkor Z MC 105mm f/2.8 VR S Macro	19231 (V3) Z105-F (V3)	22125 N120 Extension Ring 25 II		18708 Macro Port 80	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.1X Working Distance 108-1005mm
N120 NIKON Z-MOUNT (Z6III / Z750)	Nikkor Z MC 105mm f/2.8 VR S Macro	19200 (V2) / 19231 (V3) Z105-F (V2) / Z105-F (V3)	22125 N120 Extension Ring 25 II		18708 Macro Port 80	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.1X Working Distance 108-1005mm
	Canon EF 100mm f/2.8L Macro IS USM	19523 C100S-F			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.2X Working Distance 103-1072mm
N120 CANON EF-MOUNT	Canon RF 85mm f/2 Macro IS STM				18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 0.7X Working Distance 168-982mm
	Canon RF 100mm f/2.8L Macro IS USM	19575 + 19576 CRF100-F + SA Control Ring			18703 Macro Port 94	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.6X Working Distance 56-1072mm
N120 PANASONIC L-MOUNT	Sigma 105mm F2.8 DG DN Macro Art		22120 N120 Extension Ring 20 II		18708 Macro Port 80 18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.2X Working Distance 123-975mm * slight vignetting appearing at 80mm
	Panasonic Lumix S 100mm F2.8 Macro Lens	19732 PL100-F			18709 Macro Port 27	SMC/CMC Option 2 - Bayonet Mount 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 1.2X Working Distance 76-990mm
N120 FUJIFILM G-MOUNT	Fujifilm GF 120mm f4 Macro R LM OIS WR	19823 GF120-F	22160 N120 Extension Ring 60 II		18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 0.7X Working Distance 214-1050mm
	Canon RF-S 18-45mm f4.5-6.3 IS STM	19596 CR1845Z			37181 N100 Flat Port 50	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 0.28X Working Distance 167-1110mm
N100 CANON RF-MOUNT	Sony SEL040M26G FE 90mm f/2.8 Macro G OSS	37147 SEL90-F			37124 N100 Macro Port 105	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.2X Working Distance 106-1082mm
	Sony FE 100mm F2.8 Macro GM	37182 SEL100-F			37180 N100 Macro Port 125	SMC/CMC Option 2 - Bayonet Mount 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 1.5X Working Distance 69-1010mm
N100 SONY E-MOUNT	Sigma 105mm F2.8 DG DN Macro Art	37166 SGE105-F	22120 N120 Extension Ring 20 II		37125 N100 Macro Port 110	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.3X Working Distance 123-1002mm * slight vignetting appearing at 80mm
	Sigma 105mm F2.8 DG DN Macro Art	37166 SGE105-F	37305 N100 to N120 35.5mm Port Adaptor II	* This setup is only compatible with 37305 SN-A544975 onwards, older version 37305 SN-A457812 upwards using lock mechanism 93631	18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.2X Working Distance 123-975mm * slight vignetting appearing at 80mm
N100 MICRO FOUR THIRDS SYSTEM	Olympus M.Zuiko Digital ED 60mm f/2.8 Macro	36149 060-F	36163 N85 Macro Port 65		36163 N85 Macro Port 65	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.1X Working Distance 58-1120mm
	Panasonic LEICA DG MACRO-ELMARIT 45mm F2.8 ASPH. MEGA O.I.S.	36145 P45-F	36135 N85 Macro Port 45		36135 N85 Macro Port 45	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.1X Working Distance 37-1120mm
N85 MICRO FOUR THIRDS	OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO	36072 090-F * Focus Knob is included in packaging	36169 N85 Macro Port 120 with Focus Limit Switch Selector	* optical performance at Normal Macro mode	36169 N85 Macro Port 120 with Focus Limit Switch Selector	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.2X Working Distance 66-1105mm
	OM System M.Zuiko Digital ED 90mm f/3.5 Macro IS PRO	36072 090-F * Focus Knob is included in packaging	36169 N85 Macro Port 120 with Focus Limit Switch Selector	* optical S-performance mode	36169 N85 Macro Port 120 with Focus Limit Switch Selector	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 2.1X Working Distance 39-300mm
N85 SONY E-MOUNT	Sony FE 90mm F2.8 Macro G OSS	36204 N060-F	36204 N85 Port Adaptor	* This setup is only compatible with 36204 SN-A457812 upwards using lock mechanism 93651	18701 Macro Port 60	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 1.07-1082mm
	Sony FE 90mm F2.8 Macro G OSS	36205 N065-F	36205 N85 Port Adaptor	* This setup is only compatible with 36205 SN-A457812 upwards using lock mechanism 93651	37123 N100 Macro Port 55 with Bayonet Mount	SMC/CMC Option 2 - Bayonet Mount 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 1.07-1082mm
N50 & COMPACT SYSTEM	Canon PowerShot V1 Digital Camera (16.5-50mm (35mm equivalent))	36173	36173 N85 Port 25 with Bayonet Mount	* Slight lens shading	36173 N85 Port 25 with Bayonet Mount	SMC/CMC Option 1 - M67 Thread 81228 M67 Spacer Ring for SMC/CMC (Included in all SMC/CMC packaging)	81501 MFO-1	Max. Magnification 0.87X Working Distance 116-110mm
	Canon EOS R50 16-50mm (35mm equivalent)	36174	36174 N85 Port 25 with Bayonet Mount	* Slight lens shading	36174 N85 Port 25 with Bayonet Mount	SMC/CMC Option 2 - Bayonet Mount 83214 M67 to Bayonet Mount Converter II + Bayonet Mount Adaptor for SMC/CMC	81501 MFO-1	Max. Magnification 0.87X Working Distance 116-110mm

81501

Mid-range Focus Optimizer 1

Specifications

Dimension (mm) : 218g, 26mm

Body Construction : Hard-anodized 150g aluminum alloy

Lens Construction : 3 elements in 2 groups

Mounting Distance : 2.4mm

Magnification : 1.6x-1.4x

Mount Head Diameter : M67

Depth Rating : 100m

Package includes

• Front hard lens cap

• Rear lens caps

• Cleaning Cloth

• M67 to M67 ring

• M67 to M6