

# ZUIKO MC 1:1 MACRO 80<sup>mm</sup> F4/CLOSE-UP LENS

## 80<sup>mm</sup> MACRO f=170<sup>mm</sup>



### Characteristics

- This is the world's first macro lens designed to provide the optimum reproduction of life-size images for use with the 35mm SLR camera.
- This epoch-making high-resolution macro lens has a magnification range of 1:2 ~ 2:1 (object sizes 72 × 48mm ~ 18 × 12mm).

### Applications

- Close-up and macrophotography around life-size reproduction.

### Notes • Related Units

- The Telescopic Auto Tube 65~116 or Auto Bellows must be used with this lens. With the 65~116, automatic diaphragm and meter coupling is possible. With the Auto Bellows, automatic coupling is made using the Double Cable Release.
- Lens hood is not necessary.
- Close-up Lens 80mm is available for up to 2X macrophotography to be used with this lens and the 65-116.

### Specifications

Angle of view	Optical construction Element-Group	Diaphragm	F/stop range	Min. focus (ft)	Photographic range	Focusing	Weight (oz.)	Length (in.)	Max. diameter (in.)	Hood	Filter
9° at highest mag.	6-4	Auto.	4-32	0.23m (0.8)	max. 72 × 48mm min. 18 × 12mm	W/ Auto Tube 65-116 or Auto Bellows	170g (6.0)	33mm (1.3)	60mm (2.4)	Not necessary	49mm Screw-in

**OLYMPUS**

ZUIKO 1:1 MACRO 80mm F4  
Stock NO. 103-731  
Close-up Lens 80mm MACRO f=170mm  
Stock NO. 104-004

