

Aspheric lens $f = 2 \text{ mm}$

Optical parts and Scanner sets



Focal length:	2.0 mm
Diameter:	3.72 mm
Numerical aperture:	0.50
Working distance:	1.52 mm
Design wavelength:	640 nm
Diode protective glass thickness:	0.25 mm
Coating:	BB AR 400-700 nm
Lens cap length:	7mm
Lens cap threads:	M6x0.5
Thread length:	4 mm
Lens cap material:	nickel coated steel

The mounted aspheric lens is used for laser diode beam collimation. The lens tailored aspherical surface is designed to yield diffraction limited collimation for most of the commercially available laser diodes in 5.6 mm and 3.8 mm TO package. This lens is available in mounted version only.