

# Aspheric lens $f = 3.1$ mm

Optical parts and Scanner sets



Focal length:	<b>3.1 mm</b>
Diameter:	<b>5.0 mm</b>
Numerical aperture:	<b>0.50</b>
Working distance:	<b>1.83 mm</b>
Design wavelength:	<b>640 nm</b>
Diode protective glass thickness:	<b>0.25 mm</b>
Coating:	<b>BB AR 400-700 nm</b>

The 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. Please contact our team if you are interested in a mounted version lens.