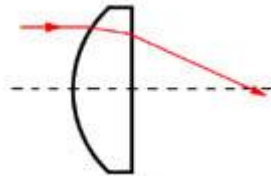
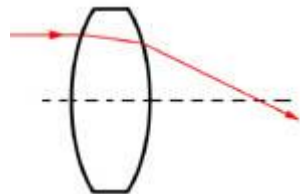
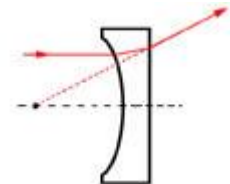
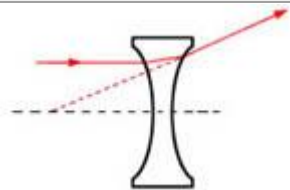
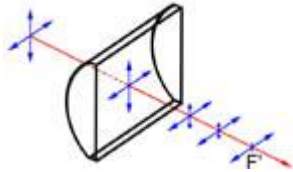
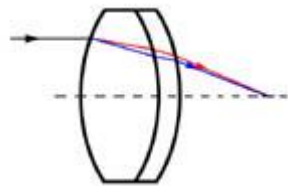


# Lenses

Lenses have many applications ranging from the simple collection of the scanning of laser beams to precise imaging and image transfer. Lenses are classified as single lenses, cylindrical lenses and achromatic lenses according to the different applications. Unifibre provides these lenses with the material of BK7, fused silica or other optical glasses.



| Lenses                   | Materials                                                                                 | Illustration                                                                          |
|--------------------------|-------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
| <b>Plano-convex</b>      | BK7 or<br>Fused Silica                                                                    |    |
| <b>Double-convex</b>     | BK7 or<br>Fused Silica                                                                    |   |
| <b>Plano-concave</b>     | BK7 or<br>Fused Silica                                                                    |  |
| <b>Double-concave</b>    | BK7 or<br>Fused Silica                                                                    |  |
| <b>Cylindrical Lens</b>  | BK7 or<br>Fused Silica                                                                    |  |
| <b>Achromatic Lenses</b> | Cemented by two pieces of<br>single lenses with different<br>glasses.<br>e.g. BK7 and SF5 |  |

