

■ Application Notes**1. Cautions on handling**

- a) It is recommended to store lenses in desiccators.
- b) Please avoid storage under conditions of high temperature and high humidity.
- c) Dust or dirt on the surface of a lens should be removed by using compressed air, or blowing air across the lens surface.

If still unremovable, wipe the lens lightly with a swab soaked in ethanol. Please note that the performance or appearance of lenses will be affected if their surfaces are scratched as a result of being rubbed strongly. Please do not cleanse lenses with water as it may also influence their characteristics or make the surfaces dull.

- d) Please do not directly touch the surfaces of lenses when you take them out from trays but hold the flange or lens barrel instead.
- e) Please use plastic tweezers when handling lenses.

2. Form of lens barrel

- a) No additional process can be done as a lens for optical communications is molded together with a barrel.
- b) Please note that if the thickness of a lens barrel is 0.25mm or less, the barrel tends to expand.
- c) Various types of lens barrel designs are available.

3. Anti-reflection coating

- a) The finest materials and an anti-reflection coating have been carefully chosen to obtain the best performance.
- b) Average center wavelength of the transmittance band of a lens for optical communications is 1310 nm or 1550 nm. A wide wavelength band (1310 nm - 1550 nm) and a two wavelength band (980 nm, 1550 nm) lens design are also available.

Please consult with us for custom-designed anti-reflection coating. Please note that if a lens barrel is too long, the design of a wide wavelength band lens may be difficult.

4. Custom Specification lenses

There are lenses of various shapes and dimensions, which can be modified to meet the individual needs of customers.

The number of test items or test data can be customized according to your wishes.

Please consult with us for details.
