

NOTES

1) Formation of the lens barrel

Since the lenses with barrels for optical communications are integral-molded with the barrels, no further processing is possible after the assembly. Please note that if the thickness of a lens barrel is 0.25 mm or less, the barrel tends to expand during assembly. The lenses are designed on the assumption that the barrel is in a simple or a two-step cylindrical shape.

2) Anti-reflective coating

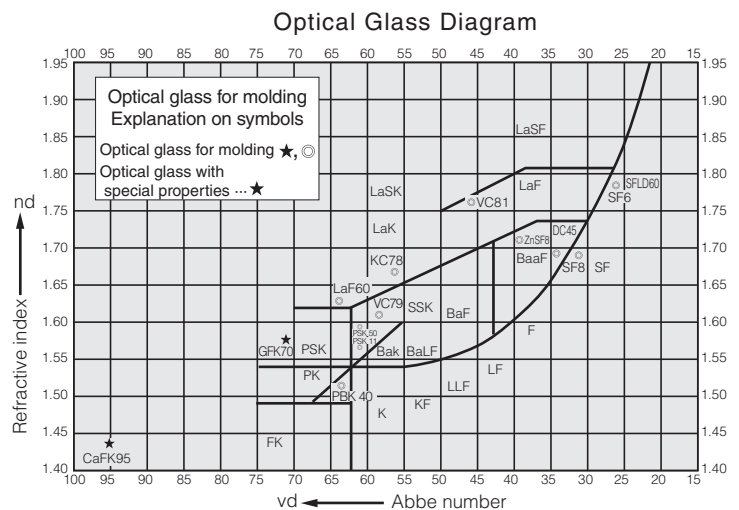
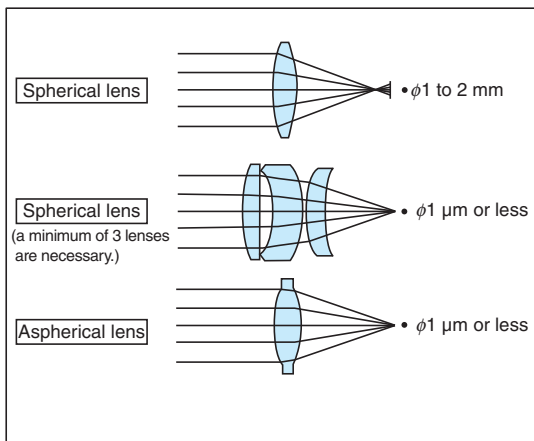
a) Panasonic uses only the best glass materials and applies an anti-reflective coating to achieve the highest possible performance.

b) Average center wavelength of a lens' transmittance band is either 1310 or 1550 nm for optical communications. Wide wavelength (1310 to 1550 nm) and dual wavelength (980/1550) designs are available as well. Custom anti-reflective coatings are available upon request. Wide wavelength designs become increasingly prohibitive as the length of lens barrel increases.

3) Custom Specification lenses

Lenses of various shapes and dimensions can be designed to meet the individual needs of customers. Please consult with Panasonic for details.

Performance of Aspherical Glass Lens



Production Process of Aspherical Glass Molded Lens

